

REPORT

ON

THE SETTLEMENT

OF THE

AJMERE & MHAIRWARRA DISTRICTS

BY

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REPORT

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AJMERE & MHAIRWARRA DISTRICTS.

CHAPTER I.

GENERAL DESCRIPTION.

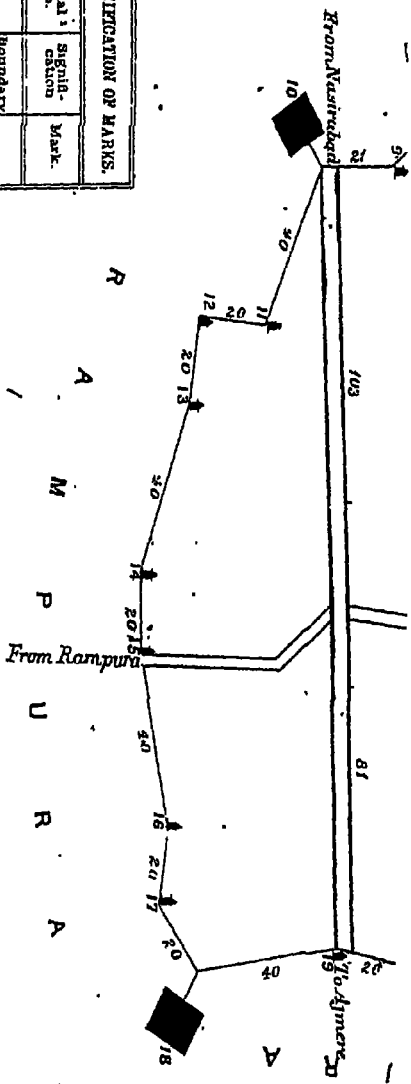
Boundaries.—The District of Ajmere is bounded on the north by Kishenghur and Marwar, on the south by Mhairwarra and Meywar, on the east by Kishenghur and Jeypoor, and on the west by Marwar. It lies between north latitude $25^{\circ}41'0''$ and $25^{\circ}41'0''$, and east longitude $75^{\circ}27'0''$ and $74^{\circ}17'0''$, and contains according to the revenue survey of 1847 an area of 2,058.28 square miles. Its population according to the census of 1872 is 246,798 souls.

The district of Mhairwarra is bounded on the north by M Ajmere, on the south by Meywar, on the east by Ajmere and Meywar, and on the west of Marwar. It lies between north latitude $26^{\circ}11'0''$ and $25^{\circ}23'30''$, and east longitude $73^{\circ}47'30''$ and $74^{\circ}30'0''$, and contains a population of 69,234, with an area according to the revenue survey of 602.33 square miles.






The united districts contain an area of 2,660.61 square miles, with a population of 316,032, or 119 to the square mile.*

2. *Sudder Stations and Jurisdiction.*—The two districts were originally distinct and each possesses a history of its own. They were united

* The statistics of the census of 1872 have been declared by the Government of India to be unreliable, and a fresh census will be taken in the cold weather of 1874-75. The area also probably requires correction and cannot be given with certainty till the result of the topographical survey is known, probably in about a year's time. The revenue survey of 1847-48 was very hurriedly done, and in Mhairwarra only one out of the seven pergunnahs was surveyed in the ordinary way: six were laid down trigonometrically. The recent settlement survey did not extend to the istumrar estates, and the hills in Mhairwarra were laid down with the plane table. Hence the statistics of the total area cannot be implicitly accepted. By this survey the area of the khalsa portion of Ajmere is 561 square miles of the jashire villages, 235 square miles, of Mhairwarra 677 square miles while the area of the istumrar villages according to the revenue survey is 1,280 square miles. The total area is thus 2,758 square miles, instead of 2,661, and the correct area is probably intermediate between the two.



NOTIFICATION OF MARKS.

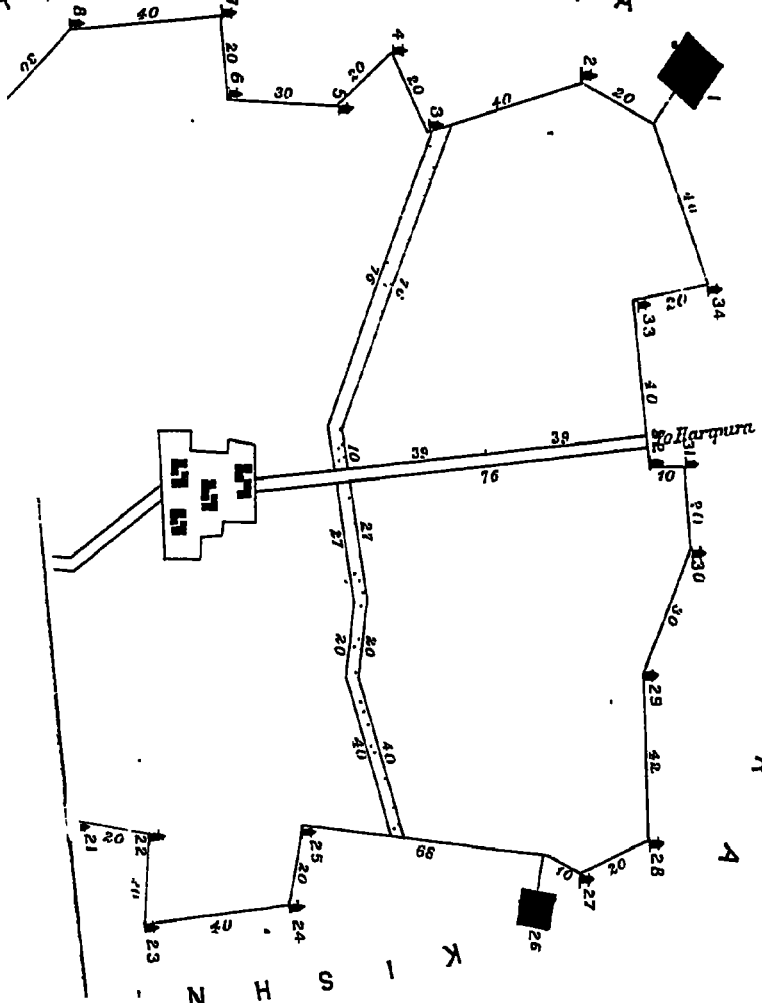
Serial No.	Signifi- cation	Mark.
1	Boundary Pillar	1
2	Shade	
3	Marked Road	
4	Village Road	
5	Abadi	
6	Mulsh	

R A G H U N A T H P U R A

H A R I P U R A

A

K I S H N



under one officer in A.D. 1842, and now form the charge of the Deputy Commissioner of Ajmere-Mhairwarra. The immediate revenue, magisterial, and civil jurisdictions of Mhairwarra are vested in an Assistant Commissioner whose head-quarters are at Nyanuggur, the only town in Mhairwarra. The sudder station, however, takes its name from that of the pergunnah in which it is situated and is known as Beawur. The head-quarters of the Deputy Commissioner are at Ajmere, from which place Beawur is 33 miles distant. The united districts form also a Chief Commissionership under the Foreign Department of the Government of India, the Chief Commissioner being the Agent to the Governor-General for the States of Rajpootana whose head-quarters are at Mount Aboo. The controlling authority is vested in a Commissioner with the powers of a Sessions Judge, whose head-quarters are at Ajmere, and under whose direct management are placed the Police, Registration, Jails, and Education of the province; departments which in larger administrations are kept distinct.

3. *The Aravali Range.*—The Sanskrit word “Meru,” a hill, is a component part of the names of both districts, and the distinguishing feature of the country is the Aravali Range, the “strong barrier,” which divides the plains of Marwar from the high table-land of Meywar. The range which commences at the “ridge” at Delhi first crops out in any size near the town of Ajmere, where it appears in a parallel succession of hills, the highest being that on which the fort of Taraghur is built immediately above the city, and which is 2,855 feet above the level of the sea and between 1,300 and 1,400 feet above the Ajmere valley. The “Nagpahar,” or Serpent Hill, three miles west of Ajmere city, is nearly as high. About ten miles from Ajmere the hills disappear for a short distance, but in the neighbourhood of Beawur form a compact double range by which the pergunnah of Beawur is enclosed. The two ranges approach each other at Jowaja, 14 miles south of Beawur, and finally meet at Kukra in the north of the Todghur Tehsil, from which village there is a succession of hills and valleys to the furthest extremity of the Mhairwarra District. The range on the Marwar side gradually becomes bolder and more precipitous till it finally meets the Vinudhya Mountains near the isolated Mount of Aboo.

4. *The Watershed.*—From the hills which bound the Ajmere valley, the country slopes to all points of the compass, and the range of hills between Ajmere and Nasseerabad marks the watershed of the Continent of India. The rain which falls on the one side finds its way by the Chumbul into the Bay of Bengal, that which falls on the other side is discharged by the Looni into the Gulf of Cutch. Further south the watershed is still more clearly marked and is the high wall of rock which separates Marwar from Mhairwarra. The portion of Ajmere, east of the range which connects Srinuggur with Rajghur including the pergunnah of Ramsar and the estates of the Talookdars generally, is an open country with a slope to the east and broken only by gentle undulations. West of the Nagpahar the pergunnah of Pooshtkur stands quite apart from the rest of the district and is a sea of sand.

5. *Passes.*—Mhairwarra is a narrow strip about 70 miles long and with a varying breadth of from 15 to 1 mile. There are no important

mountains; the highest hills are to be met with about Todghar the peaks attain an elevation of 2,555 feet above the level. The average level of the valleys is about 1,800 feet. In Mhairwarra, corresponding with the Tehsil of Beawur, there well-known passes. The Barr Pass on the west is a portion of Imperial road from Agra to Ahmedabad, is metalled throughout, kept up by Imperial Funds. On the eastern side are the Shropoora Ghâts, the first leading to Massooda, and the second Meywar, and both are under the District Committee. In Mhairwarra or the Todghur Tehsil there are—the Kachhali, Umdabari and Diwer Passes, leading from Mhairwarra into Marwar. These are mere mountain tracks through which the salt of Pachl and the grain of Meywar are carried with difficulty on Banjara bullocks. There are no passes deserving of the name in Ajmere; the road Pooshkur six miles east of Ajmere passes through a dip in the Nag range and is metalled throughout from local funds.

6. *Rivers and Streams.*—As a necessity of its position or watershed of the continent, the district is devoid of any stream which can be dignified with the name of a river. The Banas River takes its rise in the Aravali about 40 miles north-west of Oodeypoor touches the south-eastern frontier without entering the district affects only the isthmus pergunnah of Sawar. This river during rains is unfordable for many days, and as there are no ferries, travellers from Kotah and Deolee only cross into the Ajmere District by means of boats extemporised for the occasion. Besides the Banas there are streams, the Kharee Nuddee, the Dai Nuddee, the Sagarmati, and Saraswatee. These are mere rivalets in the hot weather over which foot-passenger walks unheeding, but become torrents in the rains. Neither they nor the Banas are used for the transport of produce. Kharee Nuddee takes its rise in the State of Oodeypoor, and after forming the boundary between Meywar and Ajmere falls into the Banas at the northern extremity of the Sawar Pergunnah. The Dai Nuddee is also in the early part of its course by the Nearn embankment. These flows by Sarwar (belonging to Kishenghur) and Baghera and eventually empties itself into the Banas. The Sagarmatee rises in the Sagar Lake at Ajmere, and after flowing through and fertilizing the Ajmere valley, takes a sweep northwards by Bhaonta and Pisangan Govindghur. Here it meets with the Saraswatee which carries the drainage of the Pooshkur valley, and the united stream from thence till it falls into the Raun of Cutch is designated the Looni or Salty River and it is on this stream that Marwar chiefly depends for what fertility it has. The affluents of these streams are many, and there are many independent streams running northwards into the Sambhur Lake and none of them have obtained a name, and they are mere drainage channels running only in the rainy season.

7. *Water-supply for irrigation.*—There is no permanent supply of the wells of the district; they all depend upon the rainfall. In Ajmere District where the beds of the nullahs are sandy, a sufficient amount of water is absorbed during the rains to supply the crops either bank, but wells can only profitably be made within a short distance from the stream, and beyond that stretches unirrigated land.

base of the hills on either side. In Mhairwarra where the beds of the drainage channels are rocky and the slope of the country greater, the rainfall if unarrested rapidly flows off into Marwar and Meywar, and but little benefits the country as the soil is shallow and unretentive of moisture. The configuration of the districts with a more or less rapid slope from the watershed, rendered it imperative to provide for the retention of the rainfall by artificial means, while the undulations of the ground and the gorges through which the hill streams had worn a passage, rendered it practicable to retain the rainfall by a system of embankments.

8. *Old Tank embankments.*—The idea of such embankments was one which early presented itself to the minds of those conversant with the district. The Beesulya Tank was made by Beesil Deo Chohan about the year 1050 A. D., his grandson, Ana, constructed the Ana Sagar; the tank at Ramsar was built by Ramdeo Pramar. In Mhairwarra the large tanks of Dilwara, Kalinjar, Jowaja, and Bahadlate from long before our rule. They are a wide earthen embankment generally faced on both sides with flat stones laid horizontally, and closing gorges in the hills. With ordinary care they will last as long as the hills which they unite, and their construction furnishes a substantial proof that before our rule the principles of subordination and co-operation were not unknown in Mhairwarra.

9. *Description of these works.*—The tank embankments of the district at present number 419, of which 168 are in Ajmere, 183 in the Beawur Tehsil, and 68 in the Todghur Tehsil. They have been often described, and Colonel Dixon, in his "Sketch of Mhairwarra", Chapter XII. *et sequitur*, has given a very full account of them. The best site for an embankment is a narrow gorge, where by uniting the hills on each side the drainage of the valley above can be stopped, and the water thrown back to form a lake which will irrigate direct by a sluice and feed the wells below by percolation. Such sites are however very limited in number and nearly all of them have been already utilized, though in many cases the embankment is capable of much improvement. In the open parts of the district, where Colonel Dixon made a large number of tanks, the embankments run a considerable distance from one rising ground to the other. Some are nearly two miles in length. The centre portion of the dam arrests the flow of a drainage channel, and the water spreads on each side to the rising ground. Every tank is provided with an escape to prevent the water topping the embankment during floods. These tanks are generally very shallow and seldom have any water in them after the autumn harvest has been irrigated. Colonel Dixon attempted at first to form earthen embankments, but the soil is so devoid of tenacity that the plan was early abandoned. There are three kinds of embankments in the district: *Firstly*, a wall of dry stone backed by an earthen embankment and faced with a coating of mortar; there is generally a dry stone retaining wall in these embankments. *Secondly*, a masonry wall backed with earth, the masonry and embankment being of greater or less strength in proportion to the weight of the water to be retained. *Thirdly*, a wall of masonry without any embankment. This last is the best and was adopted in the more hilly parts of the district where the gorges did not exceed 100 yards.

in width. Similar to these are the small masonry weirs thrown a nullah in its course through the hills, in order to ensure a supply the wells on either bank.

10. *History of their construction.*—With the exception of the tanks constructed before 1818 and seven tanks built by Colonel Hall Mhairwarra, the remainder owe their existence to the unaided exerting energy of one man who ruled Mhairwarra from 1838 to 1841 and the united districts from 1842 to 1857 when he died at Benwar. The name of Colonel Dixon will be remembered in Ajmere and Mhairwarra for many generations. For years he worked steadily at this single object without help or sympathy, and without much encouragement, for until the works were completed they attracted but little attention, and the district was too remote to allow of the Government of the North-Western Provinces taking at first an intelligent interest in the work. With such help as his Tehsildars and a few trained Chupprassees could give Colonel Dixon constructed all these works, and it was only in 1858, when the tanks had been completed, that the appointment of an Uncovenanted European Assistant was sanctioned. Nothing worthy of note was done after Colonel Dixon's death till the establishment of the Ajmere Irrigation Division of Public Works in the beginning of 1862. The tank, which has now been constructed at the jughire village of Bir, is a fine example of the best class of tank embankment.

11. *Effects of the tanks*—Colonel Dixon was of opinion that the tanks had raised the water level of the country, and there is no doubt that subsequently to their construction wells were made in many places where the experiment had before been tried and proved unsuccessful. The opinion of a Committee assembled in 1874 to discuss the subject of water revenue assessment was that about half the wells in the district owed their supply to filtration from the tanks. Major Lloyd, Deputy Commissioner, writing in 1860, was of opinion "that from the moisture preserved in the soil and the great increase of vegetation they have helped to create, the reservoirs have been to some extent instrumental in causing the increased supply of rain which has been measured in the last few years." There has been another undoubted effect of the reservoirs, and this is a deteriorating influence. The soil throughout the pergunnah of Ramsar is impregnated with salt, and the effect of the pressure of the head of water in the tank and the capillary attraction of the water used in irrigation has been to force up impure salts to the surface. Not much land has been rendered entirely unculturable, and if this land gets manure, it yields excellent crops, but without manure the land yields a very inferior return. The village of Neara, which is one of Colonel Dixon's largest reservoirs, is generally brought forward as an instance of this effect, and here it has been found necessary to reduce the assessment twice within the last 20 years.

12. *Produce of the tanks.*—Nearly all the tanks are dry by the month of March, and the beds of the majority are cultivated for a spring crop. There is no produce from the reservoirs themselves. Water nuts are not grown, and fisheries are unknown. The people do not eat fish, and it is only in the Ana Sagar and the sacred lake of Pooshkur that fish permanently exist, while religious prejudice prevents their being killed in the latter lake.

13. *Natural reservoirs*—Besides the artificial reservoirs there are four natural reservoirs in the district which in less dry countries would hardly deserve mention. These are the sacred lake of Pooshkur and the lake known as old Pooshkur near the former. Both are depressions among sand hills without any outlet, but exercise a considerable influence by percolation through the sand hills on the low sandy bottoms in their vicinity. In Mhairwarra there are two natural basins, that of Surgaon, and that of Karantia, both near Beawur. A passage for the escape of the water of the former has been cut through the encircling sand hills, and the bed is now regularly cultivated for the spring crop. That of Karantia lies amongst hills and is of no use for irrigation.

14. *Communications—Roads*.—The famine of 1869 gave a great stimulus to the construction of metalled roads. Before that year the only metalled roads in the district were 14 miles between Ajmere and Nusseerabad, and seven miles between Ajmere and Gangwana on the Agra road. Now the Agra and Ahmedabad road is metalled throughout from the border of Kishenghur territory to the border of Marwar. From Nusseerabad a metalled road extends to the Cantonment of Deolee, 56 miles, and another in the direction of Neemuch and Mhow now rapidly falling into disrepair. Mhairwarra was a country without roads before the famine, but it now possesses a tolerable road to Todghur and four roads over the Pakhuriawas and Sheopoor Passes into Massooda and Meywar. Except station roads and roads to Pooshkur, six miles, and to Srinuggur, ten miles, there are no metalled roads under the District Fund Committee.

15. *Railways*.—The Railway between Agra and Ajmere is rapidly advancing towards completion, and the earthwork has been finished to Ajmere. The Western Rajpootana Railway Survey has completed the regular survey of the line from Ajmere to Ahmedabad which will connect Agra with Bombay. A Railway from Ajmere to Nusseerabad has been sanctioned, and its extension through Neemuch to join the Holkar (State) Railway is only a matter of time. All these Railways have been or will be laid on the metre gauge.

16. *Telegraphs*.—There are two Telegraph Stations in the district, one at Ajmere, and the other at Nusseerabad. The total number of messages sent from the Ajmere Office in 1873 was 3,471; from the Nusseerabad Office 962, total 4,433. The Ajmere Office received 6,265 messages, and that of Nusseerabad 1,255, total 7,520. The telegraph receipts in the Ajmere Treasury for the year 1873-74 on account of Rajpootana were Rupees 16,793, the disbursements were Rupees 31,525. Until 1872 there was a third station at Beawur, but it was found not to pay, and was closed in that year much to the regret of the residents of the rising town of Nyanuggur. The Western Rajpootana Railway, however, will pass close to Beawur, so before long Mhairwarra may hope to obtain a Telegraph Office.

17. *Post Office*.—There are five Imperial Post Offices in the district—Ajmere, Nusseerabad, Beawur, Deolee, and Kekree, but the latter was converted into a branch office in 1873-74. On the reorganization in 1871, a Chief Inspector of Post Offices was sanctioned for Rajpootana, which had previously been under the Postmaster-General of the North-Western Provinces. The revenue of the Post Offices in Rajpootana for the years

AJMERE AND MHAIRWARA DISTRICTS.

1873-74 was Rupees 1,04,435, the expenditure Rupees 1,31,884, following statement shows the number of covers sent in through, and received for despatch from, the Imperial and District Post Offices for the years 1860-61, 1865-66, and 1870-71. Stamps are not procurable for 1860-61 :—

NAME OF YEAR.	RECEIVED.				POSTED.		
	Letters.	News-papers.	Parcels.	Books.	Letters.	News-papers.	Parcels.
<i>Imperial Post.</i>							
1861-62	304,850	12,130	3,013	2,129	292,290	6,053	135
1865-66	354,695	26,209	3,753	3,149	356,245	3,664	163
1870-71	367,996	31,337	3,533	6,698	372,687	3,950	234
<i>District Post.</i>							
1865-66	21,635	579	238	...	23,632	84	16
1870-71	16,368	1,443	378	...	17,385	60	241

14. *Minerals.*—The Geological Survey has not yet been to this district, but the Aravali Hills well repay the labor of the Geologist. They abound in mineral wealth, though for many years this source of revenue has been extinct. The Taragbur Hill is rich in lead, copper and iron mines have been worked, but did not pay their expenses. The lead mines of Taragbur were farmed by the Mahrattas for Rupees 5,000 yearly, the custom being for the miners to receive three-fourths the value of the metal as the wages of their labor and to cover the expenses in sinking shafts. Mr. Wilder, the first Superintendent of Ajmere, took the mines under direct management, and they produced annually from 10,000 to 12,000 maunds of lead which was sold at Rupees 11 per maund. The Ajmere Magazine was the chief customer, and on its ceasing to take the metal in 1846 the mines were closed. The lead is universally allowed to be purer and of a better quality than European pig-lead, and it is chiefly owing to the want of fuel and of proper means of transport that it has been driven from the market. When landed at Agra, which is the nearest market, the lead costs Rupees 16 a maund, or one-eighth more than the same quantity of English lead. Perhaps the extension of a railway to Ajmere may revive this now extinct industry; the miners who were the people of the Indurkot still live in Ajmere, but the demand for the metal, the offspring of the troublous times in the latter part of the century, no longer exists.

15. *Stone Products.*—Good building materials abound in the district, and stone is largely used for purposes for which employed elsewhere in India. Door frames are often made of stone and the best roofing is formed of slab-stones resting on arch stones, while thin slabs have lately been used as slates. Stones are used for roofing, for flagstones, and for spanning

The best quarries in the vicinity of Ajmere are at Sillora (in Kishenghur territory) and at Srinuggur, where slabs 12 or 14 feet long by 3 or 4 feet or even more in width can be obtained. At the former place beams 20 feet or upwards in length by $1\frac{1}{2}$ feet in width are procurable. Near Beawur slabs not quite so large and generally too hard to be dressed with a chisel are quarried at Abitmand. At Kheta Khara, about 6 miles north-east of Beawur, limestone slabs are found which can be dressed. Near Todghur good slabs have not been found, but beams 10 or 12 feet long and uneven in thickness are procurable. Good slab-stones can be got at Deoghur about 10 miles south-east from Todghur, but the roads are not good enough to allow of their being carried any considerable distance.

20. Suitable clay is not obtainable for bricks, and bricks are seldom used, but for rubble masonry stone is everywhere to be met with. The best quarries are in the range of hills running from Kishenghur between Ajmere and Nusseerabad and down the east side of Mhairwarra. The stone here is found in slabs of almost any size, both sides perfectly parallel, and if it is carefully quarried one smooth face can generally be obtained. For Ashlar work limestone, granite, and marble of a coarse kind are procurable while sandstone is brought from a distance in Marwar.

21. *Lime*.—Lime is burnt from kankar and from limestone, and the latter description is preferred by the Natives. The lime-stone generally used in the city of Ajmere is a grey stone obtained near the village of Nareilli, about 6 miles from the city. The lime burnt from this stone is not very pure, but is tenacious and bears a large admixture of sand. At Makhopora, Kalesra, Kholai, and other villages a pure white limestone is found, but the stone is hard and difficult to burn. Lime-stone is also found in abundance near Beawur. Kankar is to be met with in all parts of the district, but varies considerably in quality as a carbonate of lime. That which breaks with a blue fracture, and which when breathed on causes the moisture to adhere, is considered fit for lime-burning. Kankar lime has higher hydraulic properties than stone-lime and is generally used by the Department of Public Works. No material however producing good hydraulic lime has yet been discovered in the district. A natural cement called "kaddi" is brought from Nagor, 80 miles north-west from Ajmere. It has been examined in Calcutta and pronounced to be "a very valuable and hydraulic cement" when carefully burnt. It is however generally over-burnt and disintegrates when exposed to water, and is consequently only used by the Natives for the interior of their buildings.

22. *Road metal*.—Materials for road-making are everywhere abundant. For heavy traffic broken limestone, the refuse of a slab-stone quarry or granite, is more suitable and lasting than kankar, which, though very generally distributed, is not found in blocks, and which, though it makes a smooth even road, does not stand heavy traffic. For district roads any coarse brittle stone if not too micaceous or an inferior kind of gravel called "barha" may be substituted for stone or kankar. Both descriptions of material are to be met with in all parts of the district, are easily dug, and answer the purpose very well where the traffic is light.

23. *Forests*.—In old times the hills about Ajmere were probably covered with scrub jungle, and where the growth has been unmolested,

1873-74 was Rupees 1,04,425, the expenditure Rupees 1,33,654. The following statement shows the number of covers sent for delivery through, and received for despatch from, the Imperial and District Post Offices for the years 1860-61, 1865-66, and 1870-71. Statistics of the District Post are not procurable for 1860-61 :—

NAME OF YEAR.	RECEIVED.				POSTED.			
	Letters.	News-papers.	Parcels.	Books.	Letters.	News-papers.	Parcels.	Books.
<i>Imperial Post.</i>								
1861-62	804,850	12,180	3,013	2,129	282,290	6,055	1255	447
1865-66	354,895	26,209	3,753	3,149	366,245	3,664	1,573	521
1870-71	367,996	31,337	3,533	6,598	572,687	3,930	2,374	2,860
<i>District Post.</i>								
1865-66	21,635	879	238	...	23,632	31	76	...
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23. *Forests*.—In old times the hills about Ajmere were covered with scrub jungle, and where the growth has been

ns on the west side of the Nagpahar Hill, there are still some trees on the hill side. With this exception, however, the Ajmere District was denuded of trees long before the commencement of British rule, and the Mah-rattas are generally given the credit of the denudation. The parts of Mhairwarra adjacent to Ajmere are described by Mr. Wilder, an eye witness in 1819, as an "impenetrable jungle," through now, except in the extreme south, where there is no local demand, and from whence carriage till recently was quite impracticable, Mhairwarra is not much better off in this respect than Ajmere. The trees which existed could only have been scrub at the best, and the demand of the town of Beawur, of the Cantonment of Nusseeralund, and for wood to burn lime for the tank embankments, joined to the absence of all attempts at replacing what was destroyed, has left but few trees in any accessible part of the district, and wood of all kinds is exceedingly scarce and dear.

24. The indigenous trees are the babul, nim, and khejra, which are generally found on the plains and on the low slopes on the hills; dhao and khar are met with on the intermediate slopes, and salar occupies the summits. Of these the babul is the only tree which furnishes wood useful for any other purposes than fuel. The pipal and bar tree (*Ficus religiosa* and *Indica*) are also found, but only in favoured localities. In place of trees the hills about Ajmere are covered with "tor" bush or Euphorbia, which is cut and dried and used largely for fuel in the city. The indigenous trees will all grow easily from seed, and if the rainfall is favourable planted trees require no artificial irrigation. The Euphorbia is easily transplanted and strikes root at once. It is used for fences on the railway and elsewhere, but is with difficulty kept in order.

25. The exotic kinds of tree are difficult to rear and will only grow near wells or after having been artificially irrigated. They are the farash, siris, gulur, tamarind, mohwa, mango, jamun, seesham, the cork tree, and a few others. None of these will grow on the hill sides and only thrive in good soil, while the necessity of irrigating the plants when young renders their nurture expensive. Colonel Nixon devoted much attention to the planting of trees and the gardens of Ajmere, and the nim trees of Beawur owe their existence to him. After his death, however, no attempt was made either to plant in the plains or to re-forest the hills as they rapidly became bare. In 1871 Government sanctioned the proposal for the appointment of an Assistant Conservator and Sub-Assistant Conservator of Forests, more for the purpose of creating than of conserving forests. Forest operations in Ajmere are not intended as directly profitable speculations on the part of Government; their principal aim and object is an indirect and climatic advantage to prevent the rainfall rushing down the bare hill sides carrying in its course what little soil remains, and to cause it to penetrate into the crevices of the rocks and fill the springs. The roots of the trees and the vegetation will retain and create soil on the steep slopes, while the lowering of the temperature of the hills may ultimately have the effect of causing the clouds, which now too often pass over the district, to part with their moisture within its boundaries.

. Apart, however, from the intrinsic difficulty of re-foresting the hills it was not easy to obtain the land. The waste had been reserved to the village communities by the settlement of 1850, and

they had of old been made use of by the people for grazing purposes, and as a support to fall back upon in years of distress by the sale of wood, and it was naturally the hills where there was most wood that the Forest Officer was most anxious to take up and the people most loth to part with. It was therefore determined to resume the management of certain chosen tracts and to take up the land under an ordinance of the Governor-General in Council, the proprietary right to vest in Government as long as the land is required for forest purposes and the villagers being allowed certain privileges as to cutting wood and grass. A total area of 54,746 acres has been selected, 7,045 acres in Ajmere, 7,516 in Beawur, and 40,185 acres in Todghur. It is intended to exclude all grats, cattle, and fires, and to scatter seed broadcast in the rains without going to the expense of artificial irrigation. Several nurseries have been established in all parts of the district, especially in the Government Gardens near Ajmere, and land has been taken up and planted in the estates of the Talookdars under the Court of Wards. There are no fruit gardens except in the suburbs of Ajmere city, and mangoes, though tolerably plentiful, are stringy and bad.

27. *Wild animals and game.*—There is not much cover for large game in the district, but leopards are found in the western hills from the Nagahar, where they are regularly trapped down to Diwer. Hyenas and wolves are rare. Tigers are said to stray upwards now and then from the southern portion of the Aravali; but if they do come, they find no cover nor water and go back again. Rewards are given for the destruction of wild animals—Rupees 5 a female leopard, and Rupees 2 male leopard, female wolves, and hyenas. The males of the last two animals are paid for at 1 Rupee a head. The total amount expended in 1873 on the destruction of wild animals was Rupees 43. No rewards are given for snake-killing. The number of deaths from snake-bite recorded in 1872 was 30. Wild pigs are preserved by most of the Thakoors who have large estates, for pig-shooting is the favorite amusement of Rajpoots. There is also a tent club at Nus-eerabad which extends its operations beyond British territory, but the pigs love the shelter of the hills, and in many places the ground is too rough and stony to ride over. Antelope and ravine deer are in no great numbers, and are shy and difficult to approach. Of small game the bustard occasionally finds its way in from Marwar; and florikin are met with when the rains has provided cover for them. Geese, duck, and snipe are found about the tanks in the cold weather, but good snipe ground is very limited and three or four brace is a good day's bag. The small sandgrouse is found in abundance, the large sandgrouse is rare. Hares were nearly annihilated by the famine and have not yet recovered their numbers. The quail-shooting is tolerable, and the common, grey, useless, partridge cries in every direction.

28. *Subdivisions.*—The District of Ajmere in Colonel Dixon's time contained three Tehsils, Ajmere, Ramsar, and Rajghur, which were established in order to provide constant supervision of the tanks. The Rajghur Tehsil was abolished after Colonel Dixon's death, and the Ramsar Tehsil was abandoned on the reorganization of the district in 1871. Ajmere proper has now only one Tehsil at head-quarters. The owners of the Istumrar Estates, which in area are more than double the khalsa, pay their revenue direct into the Sudder Treasury without the interven-

tion of a Sub-Collector. Mhairwarra is divided into two Tehsils, that of Beawur and Todghur. A third Tehsil, that of Saroth, was after Colonel Dixon's death amalgamated with Beawur. Ajmere contains twelve pergunnahs, of which Ajmere, Ramgar, Rajghur, and Poo-lkar are chiefly khalsa. Kekree has one khalsa town, and the remaining pergunnahs—Bhinao, Masooda, Sawar, Piangan, Kharwa, and Baghara—are held by Istamardars. The Military Cantonment of Nussabad with the surrounding villages forms a Civil Subdivision, and Kekree has been placed under an extra Assistant Commissioner. The Tehsil of Beawur contains the pergunnahs of Beawur, Jak, Chang, and Saroth. Beawur is British territory, Jak is British territory, but belongs chiefly to the Thakoor of Masooda and Kharwa. Chang belongs to Marwar, and Saroth belongs to Meywar. The pergunnah of Beawur was at various times subdivided into four pergunnahs and their names still occasionally crop up and breed confusion. The distant villages of Beawur pergunnah were formed into a separate pergunnah of 33 villages and annexed to the Saroth Tehsil under the name of Pergunnah Jowaja. The Pergunnah of Lotana consists of eight villages founded by Colonels Hall and Dixon in Meywar waste, and the Barkochran Pergunnah has the same origin and contains nine villages. The Tehsil of Todghur contains four pergunnahs, of which Bhaelan is British territory; Kot Kerana belongs to Marwar; and Diwar and Todghur belong to Meywar. At the recent settlement the land has been divided into assessment circles, and statistics have been compiled according to circles and not according to pergunnahs.

29. *Rainfall.*—A statement is appended showing the rainfall measured at the Stations of Ajmere, Beawur, and Todghur from the year 1860. Since 1863 the rain gauge at Ajmere has been placed in charge of the Meteorological Department, which is superintended by the Civil Surgeon. The registers of Beawur and Todghur are in charge of the Tehsildars.

Year.	AJMERE.		BEAUR.		TODGHUR.		REMARKS.
	Inches.	Cents.	Inches.	Cents.	Inches.	Cents.	
1860 . .	10	77	6	69	13	36	Scarcity.
1861 . .	25	60	19	40	13	60	
1862 . .	43	40	42	70	23	18	
1863 . .	27	34	22	90	21	6	
1864 . .	17	64	20	70	21	8	20 inches in August. 14 inches in August. Famine. 15 inches in September.
1865 . .	16	47	19	30	26	9	
1866 . .	26	16	14	60	24	...	
1867 . .	27	27	16	90	31	7	
1868 . .	9	28	5	50	8	3	
1869 . .	28	92	17	60	21	4	
1870 . .	16	97	18	...	11	90	
1871 . .	21	70	23	50	10	60	
1872 . .	32	...	20	50	30	30	
1873 . .	21	27	29	60	26	10	
Average .	22	78	18	79	20	10	

30. This table, which is not perhaps quite reliable, gives an idea of the precariousness and partiality of the rainfall. The province is on the border of what may fairly be called the " arid zone," and is the debatable land between the north-eastern and south-eastern monsoons, and beyond the full influence of either. The south-west monsoon sweeps up the Nerbndla Valley from Bombay, and crossing the table land at Neemuch gives copious supplies to Malwa, Jhallawar, and Kotah and the countries which lie in the course of the Ohnmbul River. The clouds, which strike Kattywar and Kutch, are deprived of a great deal of their moisture by the influence of the hills in those countries, and the greater part of the remainder is deposited on Aboo and the higher slopes of the Aravali, leaving but little for Mhairwarra where the hills are lower, and still less for Ajmere. It is only when this monsoon is in considerable force that Mhairwarra gets a plentiful supply from it, and it is only the heaviest storms which get as far Jodhpoor, where the average rainfall does not exceed 4 or 5 inches, while beyond this is the rainless land of Sind. The north-eastern monsoon sweeps up the valley of the Ganges from the Bay of Bengal and waters the northern part of Rajpootana, but hardly penetrates further west than the longitude of Ajmere. On the conflicting strength of these two monsoons the rainfall of the district depends.

31. The prevailing wind during the rainy season is a south-westerly one, but there is but little rain which comes from this direction. The south-west monsoon is exhausted before it reaches even Mhairwarra, and if this monsoon is in the ascendant, the weather will be cloudy, and there will be light and partial showers, but no heavy rain. When the wind veers round to the west, as it often does, there will be no rain. It is from the north-east that Ajmere, Beawur and Todghur obtain their heaviest rainfalls, though the south-western monsoon has naturally more effect at Todghur than at Ajmere. The central portions of the province often receive heavy falls from the north-west, the north-east monsoon being apparently diverted from its course by the winds from the desert. The direction of the wind is most changeable and the rainfall is exceedingly partial.

32. Not only, however, is the rainfall most precarious and partial, varying in total amount very much from year to year and from place to place, and falling with fury upon one side of a hill, while the other side is perfectly dry, but it is most irregularly distributed over the rainy season, and most uncertain as to the intensity of the fall. This last question is a most important one with reference to the filling of the reservoirs. If the rain fall in light showers, even though it be on the whole an average fall, the soil will absorb it, the nullahs will not run, and the tanks will remain empty. If the fall is sudden and heavy and at the same time general within the catchment area of a tank, the chances are that the embankment will be damaged. The best rainy season is one which includes a fall of 3 or 4 inches in the 24 hours in June, and a similar fall in September with intermediate showers; then the tanks fill, and are replenished for the rubbee harvest, and the khureef crop is not drowned with excessive rain.

33. These peculiarities may be illustrated from the history of the years for which the rainfall has been given. The years immediately

before 1860 were years of heavy rain, averaging in Ajmere over 30 inches, but the rainy season of 1860 was a very bad one: what rain there was fell in showers insufficient to fill the tanks, and there was no rain in September. The khureef harvest failed, and but that Marwar had fortunately good rains and furnished supplies of both grain and grass, the scarcity which ensued would have amounted to a famine. The north-east monsoon failed over the North-Western Provinces this year; but Marwar got more than its usual supply from the south-west. In 1861 the north-east monsoon appears to have been in the ascendant, but hardly reached to Todghur. 1862 was a year of extraordinarily heavy rain, the fall was spread over a long time, and was not violent enough to damage the tanks. The khureef failed, however, from excess of moisture, but the rubbee was splendid. In 1864 there was an average fall but it all fell before the second week in August. In 1865 there was no rain till the second week in August, and it ceased entirely in the second week of September, only 1 inch 18 cents. being registered in Ajmere in that month. There were some heavy showers, however, which filled the tanks. In 1866 the rains began in the second week of August and fell continuously till the end of the month. In some places the tanks were not filled, in others there were very heavy falls. But for the tanks each of these three seasons would have been one of very severe distress. The year of 1867 was favourable, but the following year was one of famine, the average fall of all the strictions being only 7·4 inches. The rains of 1869 were not unfavourable as regards the amount of the fall, but no rain fell till the middle of July, and there was no rain again for nearly two months. The rainfall of 1870 was below the average, but was pretty well distributed. The last three years have been average years, but the fall was irregularly distributed. In Ajmere in 1871 there were 8 inches during the month of June, and half an inch in August. In 1872 there was one inch in June, and 18 inches fell in August. The rainfall of July and September was nearly equal in both years. In 1873 the greater portion of the rain fell in July.

34 *Chief Towns, Ajmere.*—Ajmere has a population of 26,569 according to the census of 1872, and is the largest town in the district. It is built on the lower slope of the Thraghur Hill, is surrounded by a stone wall, and possesses five gateways. The town is well built, with some wide and open streets, and several fine houses. About one-third of the population is Mahomedan, nearly all Khadims of the shrine of Muhim-ud-din Chishti. The town was formed into a Municipality under Act VI of 1868, and the income in 1872 was Rupees 26,06. Of this sum Rupees 22,278 are due to octroi, and Rupees 2,104 to muzool gardens. The expenditure is well within the income; at the end of 1872 the Municipality had a balance to its credit of Rupees 15,602, of which Rupees 17,500 had been invested in Government Paper. A project of drainage of the valley, which is much needed and which has been very long in preparation, as well as other necessary improvements, will, it is hoped, soon absorb this balance.

35. *Seths.*—Ajmere is the residence of the heads of several important firms of Seths, who have establishments throughout Rajpootana and in other parts of India, where they carry on a trade in grain, cotton

and opium. In Ajmere their chief occupation, almost their sole occupation, is that of banking business proper, and is confined to the sale and purchase of hoondees, especially hoondees for the payment of tribute due by Native States. Their money-lending business has much diminished within the last few years, owing to the Istumrardars, who were their principal constituents, having been prevented from borrowing, and to the action of the Courts in giving decrees with protracted instalments. The Seths complain that this procedure of the Courts has rendered the village bunnias indifferent about paying their debts when they are due, and the Seths find the return of their money so slow as to render it no longer profitable to lend.

36. *Indurkot*.—The original town of Ajmere was built inside the valley, through which the road leads to Taragpur, and this place, known as Indurkot, is still the residence of a number of Mussulman families, Sheikhs, Pathans, and Syuds. These people state they are the descendants of the soldiers who came to Ajmere in the time of Shahab-ud-din, and are a peculiarly dark race; they own no land and get their livelihood chiefly by farming the gardens around Ajmere. The old "hooris" or reservoirs and the Jain Temple, to be hereafter described, are almost the sole relics of the ancient town.

37. *Water supply*.—The city is well supplied with water from the Ana Sagar Lake, but for drinking purposes the people almost universally use the water of the "Jhalra," which is a deep cleft in the rocks at the base of the Taragpur Hill, and which is filled by a never-failing spring. There is a similar natural spring on the Nusseerabad side of the city, which was opened out by Colonel Dixon and is known as the "Diggee."

38. *Objects of interest. The Durgah*.—The chief objects of interest are the Durgah, the Jain Temple, and the fort of Taragpur. Khwaja Muhi-ud-din Chishi, the saint known as Khwaja Sahib, emigrated from Moor to Hindustan in the year 1143 A.D. He first took up his abode on the hill which overlooks the Dowlat Bagh and subsequently at the Tripoliya Darwaja, where he lived till his death, which occurred, according to tradition, in the 97th year of his age. After his death, people began to make pilgrimages to his tomb, which commands the veneration of all Mahomedans in India. The Durgah was commenced in the time of Shams-ud-din Altamsh, enlarged in that of Ghiyas-ud-din, and in the reign of Akbar a mosque was built, now partially in ruins. Shah Jehan built the present marble mosque. Gladwin relates how the Emperor Akbar performed a pilgrimage to this shrine, and the large pillars erected every two miles between Ajmere and Delhi to mark the

route of the King are still in excellent preservation.

Urs Mela.—An "Urs Mela" is held for six days in the month of Rajah at the tomb of this saint, for it is uncertain on what day he died. One peculiar custom of this festival may be mentioned. There are two large chaldrons inside the Durgah enclosure, one twice the size of the other, which are known as the great and little "deg." Pilgrims to the shrine, according to their ability or generosity, propose to offer a "deg." The smallest amount which can be given for the large "deg" is 80 maunds of rice, 28 maunds of ghee, 35 of sugar, and 15 of almonds and raisins,

besides saffron and other spices, and the minimum cost is Rupees 1.² The larger the proportion of spices, sugar, and fruit, the greater is the glory of the donor. Thirty-two years ago the Nazir Illmas of Jodhpur offered a "deg" which cost Rupees 2,500, and its sweet-savor is still redolent in the precincts of the Durgah. The donor of the large "deg," besides the actual cost of its contents, has to pay about Rupees 2000 present to the officials of the shrine and as offerings at the tomb. A small "deg" costs exactly half the large one.

39. When this gigantic rice-pudding is cooked it is louted boiling hot. Eight earthen pots of the mixture are first set apart for the foreign pilgrims, and it is the hereditary privilege of the people of Indurkot and of the menials of the Durga to despoil the chaldron of the remainder of its contents. One Indurkoti seizes a large iron ladle and mounting the platform of the "deg" ladles away vigorously. All the men who take part in this hereditary privilege are swaddled up to the eyes in clothes to avoid the effect of the scalding fluid. Each takes a ladle-full of the stuff in the skirt of his coat and not uncommonly finds the heat so overpowering that he is obliged to drop it. When the chaldron is nearly empty, all the Indurkotis tumble in together and scrape it clean. There is story that Imdad Khan, a Resmildar of Jodhpoor, wished on one occasion to make a fair and equitable division to all, and partially accomplished his project, but on his return from the festival he was stricken by a bullet directed by an unseen, if not supernatural, hand and died. There is no doubt that the custom of louting the "deg" is very ancient, though no account of its origin can be given. The number of pilgrims at this festival is estimated at 20,000, but no buying or selling is done except that of pedlar's wares.

40. "*The Arhai-din-ka Jhomptra.*"—From an antiquarian point of view the most interesting sight in Ajmere is the remains of a very ancient Jain Temple in the old town, which is known as the "Arhai-din-ka-Jhomptra, or the temple of two and a half days. Various accounts of the origin of this name have been given, the most probable perhaps, or at least the only one which does not rest on an absurd supernatural basis, is that Shahab-ud-din on visiting Ajmere passed the temple on his way to Taraghur and enjoined that by his return in two half days it should be fit for him to pay his devotions in. Accordingly, by the appointed time, it was transformed into a Mohammedan mosque. The building is constructed of a fine grained yellow sandstone, and consists of two distinct portions. The inside is a hall with a domed roof supported by lofty, graceful, and beautifully fluted pillars, after the fashion of the Jain temple at Delhi. The outside portion is a screen of Saracenic architecture covered with Arabic inscriptions. General Cunningham, Director-General of the Archaeological Survey, writes as follows about this temple:—"There is no building in India which either for historical interest or archaeological importance is more worthy of preservation. It is the second oldest masjid in India, being only a few years later in date than the great Kutb Masjid at Delhi. In an archaeological point of view, it is especially valuable as the great arch is surmounted by two small minarets, one of which is inscribed with the

name and titles of Sultan Altamsh, the third Mahomedan King of Delhi. These minarets are, as far as I know, the first specimens of small mazinahs attached to a musjid. The Kutb musjid at Delhi has one single lofty minar, and we know that the two musjids at Ghaznee had only one minar each, the minar in all these instances being detached from the building. I am specially anxious therefore for the preservation of the great arch and the two small minarets which surmount it." The building is much out of repair, and estimates have been framed for the preservation of what remains. To restore the building to its integrity, to raise the fallen pillars and rebuild the broken domes will certainly cost more than is likely to be allotted for the work.

41. *Taraghur Fort.*—The Hill Fort of Taraghur, which has played so prominent a part in the history of the province, overhangs the city of Ajmere and commands it at every point. The walls of the battlements where they have not been built on the edge of an inaccessible precipice are composed of huge blocks of stone, cut and squared so as to make a dry wall of 20 feet thick and as many high. The space within the walls is 80 acres, and is much longer than broad with an acute salient angle to the south. There are several tanks inside the fort which are filled during the rains and generally contain water throughout the year. From 1818 to 1832 the fort was occupied by a company of Native Infantry, but on the visit of Lord William Bentinck in 1832 it was dismantled. Since 1860 it has been used as a sanatorium for the European troops at Nusseerabad, and the accommodation was increased in 1873, so as to allow of the residence of 100 men. The summit is crowned by the shrine of Meeran Hossein whose history has been related in Chapter II. The shrine is endowed with three villages, the average annual revenue of which is Rupees 4,367. Immediately around the shrine are the residences of the khadims or servitors. Jubbar Khan, Chamberlain in the time of Akbar, built the mosque, and the present conspicuous gateway, from which there is a magnificent view of the surrounding country, was built by Gumanjee Rao Sindia.

42. *Fort of Ajmere.*—There is a massive square fortified palace built by Akbar on the north side of the city which from 1818 to 1863 was used as the Rajputana Arsenal, but has now been turned into a Tehsil and treasury. It is a prominent object in the landscape from all parts of the valley, but has no great pretensions to beauty. The marble palaces on the artificial embankment of the Ana Sagar are now occupied by the Commissioner and Deputy Commissioner as residences and offices; and their beauty has been much marred by the additions necessary to convert them into modernized houses. New and more commodious court houses have been commenced and the offices will be removed thither when they are completed.

The city of Ajmere is in latitude $26^{\circ} 26' 30''$ and longitude $74^{\circ} 39' 31''$. It is 677 miles from Bombay and 228 miles from Agra.

43. *Beawur.*—The thriving town of Beawur or Nyanuggur next claims notice as the chief mart of the cotton trade and the only other municipality in the district. The income of the municipality in 1872 was Rupees 17,035, of which sum Rupees 15,457 were contributed by octroi. The incidence of taxation per head of population was Rupees

1-12-6, while in Ajmere in the same year it was 13 annas 2 pies. The reserve in the hands of the municipality at the end of 1872-73 was Rupees 14,409. In the previous year it was over Rupees 17,000.

44. Nyanaggur is the only town in Mhairwarra and is the creation of Colonel Dixon. Before 1835 there was only a small village of some 30 or 40 houses, close to the Cantonment of Beawur, on the site of the present town. Colonel Dixon issued notifications of his intention to build a town, and in due course candidates for 40 shops appeared. The work was then commenced; the streets were marked off at right angles the main streets having a breadth of 72 feet and being planted on each side with trees. Mohallas were allotted to the different castes, and as the town grew and prospered, Government sanctioned the building of a wall of stone set in mud and plastered outside, which cost Rupees 23,840 and which has lasted exceedingly well. Colonel Dixon estimated the population in 1848 at 9,000 souls, but at that time it was probably not so large. The town now contains 2,021 houses, with a population, according to the census of 1872, of 9,544 souls. The houses are generally of masonry with slab-roofs. There is a colony of smiths, whose iron work is exported to Ajmere, Meywar and Marwar, and also a colony of dyers.

45. *Kekree*.—With the exception of the town of Nusseerabad which has grown up with the cantonments, there are no other towns in the district with a population above 5,000. Kekree has about 5,000. The town is 50 miles from Ajmere, and in the early years of British rule bid fair to rival Ajmere as a trading mart. It has, however, been long in a declining state. Except its position as regards native territory, the town possesses no advantages in itself. Water of any kind is scarce, and sweet water can only be obtained from wells sunk in the bed of the tank adjoining the town. Kekree has a wall, and is the residence of an Extra Assistant Commissioner, whose duties, since the Istumrardars of the adjoining pergunnabs have been invested with Magisterial and Police powers, have been much diminished. The present officer is a brother of the Raja of Bhinai, the chief talookdar in the district, and the appointment was made with the view of encouraging the gentry of the district to take a greater interest in its administration.

46. *Pooshkur*.—The great sanctity of its lake, equalled, according to Colonel Tod, only by that of Mansarowar in Thibet, and its annual fair, entitle Pooshkur to separate mention. The town is picturesquely situated on the lake with hills on three sides; on the fourth side the sands drifted from the plains of Marwar have formed a complete bar to the waters of the lake, which has no outlet, though the filtration through the sand-hills is considerable. The lake is fed from the Nagpahar, and is in the form of an ellipse. On three sides, bathing ghats have been constructed, and nearly all the princely and wealthy families of Rajpootana have houses round the margin. The principal ones are those built by Raja Man of Jeypoor, Ahelya Bai the Queen of Holkar, Jowahir Mull of Bhurtpoor, and Raja Bijay Sing of Marwar. The piety or shrewdness of the Brahmins has provided places of worship for pilgrims of every sect, and there are 42 temples in the town. Before creation commenced, Brahma is said to have collected all the celestials to this place and to have here performed the Yuga. Here Savitre, the wife of Brahma,

disappeared on the hill to the south of the lake, where is her shrine. The most conspicuous and most famous temple in the town is that of Brahma, said to be the only one dedicated to him in India. It was built by Gokul Pak, a Minister of Sindia, and cost about a lakh and a half of rupees. Another temple, built by Ana Deo, about 600 years ago, is that of Varahajee or the Boar, the second incarnation of Vishnu. The whole place teems with sanctity, and in accordance with ancient charters no living thing is allowed to be put to death within the limits of holy Pooshkur.

47. The population is about 3,750 and consists almost entirely of Brahmans. Of these there are two sects, those of Bara Bas and those of Chhota Bas. The former are the older inhabitants and have held the lands of Pooshkur in jagire since long before the Mogul Empire. These two sects have been perpetually at variance, and in the oldest charter on record Jahangir provided for the division of offerings to the Brahmans allotting two-thirds to the Bara Bas, and one-third to the Chhota Bas. Sawai Jay Sing of Jeypoor is said to have investigated the claims of the rival sects, and, having come to the conclusion that the Brahmans of the Bara Bas were not of pure descent, to have appointed the others his Purohits. The Brahmans of the Bara Bas number, however, among their Jajmans all the other Chiefs of Rajpootana.

48. The fair at Pooshkur takes place in October or November, and, like other religious fairs, is used as an opportunity for trade. It is attended by about 100,000 pilgrims, who bathe in the sacred lake. In 1872 the quantity of merchandize and the number of animals brought for sale was below the average—there were about 700 horses, 1,850 camels, and 1,200 bullocks. The horses are chiefly Marwaree and Katbiawar, and the Native Cavalry Regiments serving in Rajpootana generally send parties to purchase redbunts.

49. *Other towns.*—The remaining towns in the district may be more briefly dismissed. Bhinai, Massooda, Sawar, Baghera, and Pisan-gun are the chief towns of their pergunnabs, and the residence of their respective Thakoors. There is an old Jain Temple at Pisangun, which derives its name from its being situated near the Priya Sangama, or junction of the Saraswatee and Sagarmatee streams. Kharwa is celebrated for its tank. Deolia, Bandanwara, and Govindghur have each a population of about 3,000. Among the khalsa villages, Ramsar boasts of a large talao from which it derives its name. Srinuggur is famous as the seat of the former power of the Puar Rajpoots, who were dispossessed by the Gors, and whose representative is now Thakoor of Ranasar in Bickaneer. Rajghur was held by the Gor Rajpoots before the ascendancy of the Rahtores, and was given in jaghire in 1874 to the descendants of its original rulers.

CHAPTER II.

History of Ajmere-Mhairwarra.

PART I.—*Ajmere.*

50. *Legendary history of Aja.*—The early history of Ajmere is, as might be expected, legendary in its character, and commences with the

role of the Chohans, the last born of the Agni-kulas and the most valiant of the Rajpoot races. According to tradition, the fort and city of Ajmere were founded by Raja Aja, a descendant of Auhel, the first Chohan, in the year 145 A. D. Aja at first attempted to build a fort on the Nagpshar or Serpent Hill and the site chosen by him is still pointed out. His evil genius, however, destroyed in the night the walls erected in the day and Aja determined to build on the hill now known as Taragbur. Here he constructed a fort which he called Garh Bitli, and in the valley known as Indurkot he built a town which he called after his own name, and which has become famous as Ajmere. This Prince is generally known by the name of Ajapal, which, Colonel Tod explains, was derived from the fact that he was a goat-herd, "whose piety in supplying one of the saints of Pooshkur with goat's milk procured him a territory." The name probably suggested the myth, and it is more reasonable to suppose that the appellation was given to him when at the close of his life he became a hermit, and ended his days at the gorge on the hills about 10 miles from Ajmere, which is still venerated as the temple of Ajapal.

51. *Older Chohan Princes.*—With the next name on the Chohan genealogy we pass into the region of history. Dula Rae joined in resisting the Mussulman invaders under Mahomed Kasim, and was slain by them in A.D. 685. His successor, Manika Rae, founded Sambhar, and the Chohan Princes thereafter adopted the title of Sambri Rao. From his reign till 1024 A.D. there is a gap in the annals. In that year Sultan Mahmood on his expedition against the temple of Somnath crossed the desert from Mooltan and presented himself before the walls of Ajmere. The reigning Prince, Beelundeo, was totally unprepared for resistance: the country was ravaged, and the town, which had been abandoned by its inhabitants, was plundered. The fort of Taragbur, however, held out, and as Mahmood had no leisure to engage in sieges, he proceeded on his destructive course to Guzerat. Beelundeo was succeeded by Beesaldeo, or Visala Deva, who is best remembered by the lake which he constructed at Ajmere, still called the Beesal Sagar. Beesaldeo was a renowned Prince. He extended his territory at the expense of the Rajas of Delhi and subdued the hill tribes of Mhairwarra, whom he made drawers of water in the streets of Ajmere. At the close of his life he is said to have become a Mussulman, to have resigned his kingdom and to have retired into obscurity at Dhundar. His grandson, Ana, constructed the embankment which forms the Ana Sagar Lake, on which Jehangir subsequently built the marble palace in which he received Sir Thomas Roe, the Ambassador of James I. Someshwar, the third in descent from Ana, married the daughter of Anangpal, the Tuar King of Delhi, and his son was Prithvi Raja, the last of the Chohans, who was adopted by Anangpal and thus became King of Delhi and Ajmere.

52. *Prithvi Raja, Chohan, and Shahab-ud-din.*—It is matter of common history how Prithvi Raja opposed Shahab-ud-din in his invasion of India in the years of 1191 and 1193 A.D., how in the latter year he was utterly defeated and put to death in cold blood. Shahab-ud-din shortly afterwards took Ajmere, massacred all the inhabitants opposed him and reserved the rest for slavery. After this execution

he made over the country to a relation of Prithvi Raja under an engagement for a heavy tribute. In the following year Shahab-ud-din prosecuted his conquests by the destruction of the Rahtore Kingdom of Kanouj, an event of considerable importance in the history of Ajmere, in that it led to the emigration of the greater part of the Rahtore clan from Kanouj to Marwar.

53. *Kutb-ud-din.*—The new Raja of Ajmere was soon reduced to perplexities by a pretender, and Kutb-ud-din Ibbak, the founder of the Slave Dynasty at Delhi, marched to his relief. Hemraj, the pretender, was defeated, and Kutb-ud-din, having appointed a Governor of his own faith to control the Raja, proceeded with his expedition to Guzerat. A few years afterwards, however, the Raja, uniting with the Rahtores and the Mhairs, attempted independence. Kutb-ud-din marched from Delhi in the height of the hot season and shut up the Raja in the fort. Here finding no means of escape he ascended the funeral pile, as is related in the *Taj-ul Maasir*. Kutb-ud-din then marched against the confederated Rajpoots and Mhairs, but was defeated and wounded, and obliged to retreat to Ajmere, where he was besieged by the confederate army. A strong reinforcement from Ghaznee, however, caused the enemy to raise the siege, and Kutb-ud-din annexed the country to the kingdom of Delhi, and made over the charge of the fort of Taraghur to an officer of his own, Syud Hossein, whose subsequent tragical fate has caused him to be enrolled in the list of martyrs, and whose shrine is still the most conspicuous object on the hill fort he was unable to defend. On the death of Kutb-ud-din in A.D. 1210 the Rahtores joined the Chohans and made a night attack upon the fort. The garrison was taken unprepared and massacred to a man. Their tombs, as well as those of Syud Hossein and his celebrated horse, may still be seen on Taraghur in the enclosure, which bears the name of ‘Gunj Shahidan’ or Treasury of Martyrs.

54. *Rana Kumbho of Meywar.*—Shams-ud-din Altamsh, the successor of Kutb-ud-din, restored the authority of the Kings of Delhi, and it was maintained till the disastrous invasion of Tamerlane. By that time a number of independent Mahomedan kingdoms had been established, of which the chief were Bijapoor, Golconda, Guzerat, and Malwa. Rana Kumbho of Meywar profited by the relaxation of all authority which ensued upon the sack of Delhi, and the extinction of the house of Tughlak to take possession of Ajmere, but on his assassination the territory fell into the hands of the Kings of Malwa, with whom the Rana had been perpetually at variance and for 15 years had waged war.

55. *Kings of Malwa.*—The Kings of Malwa obtained possession in A. D. 1469 and held Ajmere till the death of Mahmood II in A.D. 1531, when the Kingdom of Malwa was annexed to that of Guzerat. The dome over the shrine of Khwaja Mueiyyin-ud-din Chisti was built by these Kings, and a mosque within the Durgah precincts was also built by them. On the death of Mahmood II, Maldeo Rahtore, who had just succeeded to the throne of Marwar, took possession of Ajmere among other conquests. He improved the fortress of Taraghur and com-

menced the construction of a lift to raise water to the fort from the Nur Chashma spring at the foot of the hill. The work still stands as solid as on the day it was built, but the scheme was never carried to completion. The Rahtores held Ajmere for 4 years, but the country was one of the earliest acquisitions of Akbar, and from 1556 A. D. to the reign of Mahomed Shah, a period of 194 years, Ajmere was an integral portion of the Mogul Empire.

56. *Mogul Emperors.*—In the time of Akbar, Ajmere gave its name to a Subah which included the whole of Rajpootana. The district of Ajmere was an appanage of the royal residence, which was temporarily fixed there in this and subsequent reigns both as a pleasant retreat and in order to maintain the authority of the Empire among the surrounding Chiefs. Akbar made a pilgrimage to the tomb of the Saint Khwaja Musiyyin-ud-din Chisti, and built a fortified palace just outside the city. Jahangir and Shah Jehan both spent much time at the "Dar-ul-Khair," and during the war with Meywar and Marwar, which was brought about by the bigotry of Aurungzeb, Ajmere was the head-quarters of that Emperor, who nearly lost his throne here in 1679 by the combination of Prince Akbar with the enemy.

57. *Rahtores of Marwar.*—On the death of the Synds, in 1720 A. D., Ajit Singh, son of Jeswunt Singh of Marwar, found his opportunity in the weakness, consequent on the decline of the Mogul Empire, to seize on Ajmere and killed the Imperial Government. He coined money in his own name and set up every emblem of sovereign rule. Mahomed Shah collected a large army and invested Taraghur. The fort held out for four months, when Ajit Singh agreed to surrender his conquest. Ten years later Abhay Singh, the accomplice in the assassination of his own father, Ajit Singh, was appointed by Mahomed Shah Viceroy of Ahmedabad and Ajmere, and Ajmere became practically a portion of Marwar. The parrioids, Bakht Singh, obtained Nagor and Jhalor from his brother Abhay Singh. Abhay Singh was succeeded by Ram Singh, who demanded the surrender of Jhalor from his uncle, Bakht Singh. The demand and the insolence of Ram Singh culminated in the battle of Mertra, where Ram Singh was defeated and forced to fly. He determined on calling in the aid of the Mahrattas, and at Ujain found the camp of Jey Appa Sindia, who readily embraced the opportunity of interference. Meanwhile the career of Bakht Singh had been terminated by the poisoned robe, the gift of the Jeypoor Ranee, and Bijay Singh, son of Bakht Singh, opposed the Mahrattas. He was defeated and fled to Nagor, which withstood a year's siege, though meanwhile all the country submitted to Ram Singh. At the end of this period two foot-soldiers, a Rajpoot and an Afghan, offered to sacrifice themselves for the safety of Bijay Singh by the assassination of the Mahratta leader. The offer was accepted; the assassins feigning a violent quarrel procured access to Jey Appa and stabbed him in front of his tent. The siege languished for six months more, but a compromise was eventually agreed on. Bijay Singh surrendered to the Mahrattas in full sovereignty the fortress and district of Ajmere as "Mundkati," or compensation for the blood of Jey Appa. The Mahrattas on their side abandoned the cause of Ram Singh. A fixed triennial tribute was to be paid to the Mahrattas by Bijay Singh. The tomb of

Jay Appa is at Pooshkur, and till 1860 three villages of Ajmere were set apart in jaghire for the expenses of the tomb. Ram Sing obtained the Marwar and Jeypoor share of the Sambhur Lake and resided there until his death. These events occurred in 1756 A. D.

58. *Mahrattas*.—For 31 years the Mahrattas held undisturbed possession of Ajmere, till in 1787, on the invasion of Jeypoor by Madajee Sindia, the Jeypoor Raja called on the Rahtores for aid against the common foe. The call was promptly answered, and at the battle of Tonga the Mahrattas suffered a signal defeat. The Rahtores retook Ajmere driving out Mirza Anwar Beg, the Mahratta Governor, and annulled their tributary engagements. The success was however transient, for in three years' time the Mahrattas, led by De Boigne, redeemed the disgrace of Tonga by the battle of Patan, where the Kachhwahas held aloof and the Rahtores ignominiously fled. Madajee Sindia and De Boigne then marched on Ajmere. The Rahtore army was drawn out on the plains of Merta, but was surprised and cut to pieces by De Boigne, and Ajmere in the year 1791 reverted to the Mahrattas, who held it till its cession to the British Government in 1818 A. D.

59. *Cession to the British Government*.—Singhi Dhanraj was Governor of Ajmere during the three years it was held by the Rahtores. The best known of the Mahratta Subadars was Govind Rao, who appears to have been a strong and good Governor. By the Treaty of the 25th June 1818, Doulut Rao Sindia after the Pindari War ceded the district of Ajmere, valued in the Treaty at Rupees 5,05,484, to the British Government, and on the 26th July 1818, Mr. Wilder, the first Superintendent of Ajmere, received charge of the district from Bappu Sindia, the last Mahratta Subadars.

60. *Dynastic changes*.—The dynasties which have ruled Ajmere may thus be succinctly shown :—

	A. D.		A. D.	No. of years.	
From	145	to	1193	1,048	Chohan.
"	1191	"	1469	276	Kings of Delhi.
"	1470	"	1531	61	Kings of Malwa.
"	1532	"	1556	24	Maldeo Rahtores.
"	1556	"	1780	194	Mogul Emperors.
"	1731	"	1755	24	Rahtores.
"	1756	"	1787	31	Mahrattas.
"	1788	"	1791	3	Rahtores.
"	1792	"	1817	25	Mahrattas.
"	1818	British Government.			

61. *The mutiny of 1857*.—The history of Ajmere from 1818 is the history of its administration. The long roll of battles and sieges is closed. The district worn out by the incessant warfare of half a century at length enjoys rest, and the massive battlements of Taraghur begin to crumble in a secure peace. The mutiny of 1857 passed like a cloud over the province. On the 28th May two Regiments of Bengal

Infantry and a Battery of Bengal Artillery mutinied at Nusseerabad. The European residents, however, were sufficiently protected by a Regiment of Bombay Infantry, and the Treasury and Magazine at Ajmere were adequately guarded by a detachment of the Mhairwarra Battalion. There was no interruption of Civil Government. The mutinous regiments marched direct to Delhi and the agricultural classes did not share in the revolt.

PART II.

HISTORY OF MHAIRWARRA.

62. *First intercourse with the country.*—The history of Mhairwarra before the occupation of Ajmere by the British authorities in 1818 is practically a blank. Hardly anything was known of the country except that it was a difficult hilly tract inhabited by an independent and plundering race who cared not for agriculture and who supplied their wants at the expense of the surrounding territories. Sawace Jey Sing of Jeypoor had penetrated no further than Jak in an endeavour to subdue the country, and Ameer Khan had failed in an attempt to chastise the plunderers of Jak and Chang.

63. *Mr. Wilder, the first Superintendent of Ajmere, entered into agreements with the villages of Jak, Shamghur, Lulua, Kana Khara, and Kheta Khara, the nucleus of what is now Ajmere-Mhairwarra, binding them to abstain from plunder.* The pledge, however, was little respected or could not really be enforced by the headmen, and in March 1819 a force was detached from Nusseerabad for the attack of these places. No opposition was encountered, the villages were taken one after the other, and all levelled to the ground. The inhabitants escaped into the adjacent hills, which Mr. Wilder, who accompanied the force, describes as an "impenetrable jungle." Strong police posts were stationed at Jak, Shamghur, and Lulua.

64. *Conquest of the country.*—In November 1820 a general insurrection broke out. The police posts were cut off, and the men composing them were killed. The thorough subjugation of the country was then determined on. A force stronger than the former retook Jak, Lulua and Shamghur, and after some correspondence with the Governments of Oodeypoor and Jodhpoor, and promised co-operation on their part, the force advanced into Meywar and Marwar-Mhairwarra to punish the refugees of Jak, Lulua, and Shamghur, and the men who had given them an asylum.

65. Borwa was the first village of which possession was taken and the attack was then directed against Hathun, where, however, a repulse was sustained with a loss of 3 killed and 23 wounded. In the night, however, the garrison evacuated the fort. The troops then marched to Berar, which after some show of fighting fell into their hands. The capture of Mandlan and Basawara followed, and a strong detachment was then sent against Kot Kirana and Baggrri in Marwar-Mhairwarra. These were taken possession of and made over to Jodhpoor, and the reverses of the Mhairs reached their culminating point in the capture of Ramghur, whither most of the chief men had retreated. These were

nearly all killed or wounded or taken prisoners, and the remaining strongholds submitted in rapid succession. A detachment of cavalry and infantry was left at Jak, and the main body withdrew at the close of January 1821, the campaign having lasted three months.

66. *Arrangements for the administration.*—Captain Tod in the name of the Rana undertook the administration of the portion belonging to Meywar. He appointed a Governor, built the fort of Todghur in the centre of the tract, raised a corps of 600 matchlockmen for this special service and commenced to collect revenue. A different policy was pursued by the Court of Jodhpoor. The villages which had been decided to belong to Marwar were made over to the adjoining Thakoors; there was no controlling authority and no unity of administration. Ajmere brought all its share under direct management, but at first the Thakoors of Massooda and Kharwa were held responsible for the establishment of order under the superintendence of Mr. Wilder. It soon appeared that this triple Government was no Government, the criminals of one portion found security in another, the country became infested with murderous gangs, and the state of Mhairwarra was even worse than before the conquest. Under these circumstances it was determined that the three portions should be brought under the management of one officer, vested with full authority in civil and criminal matters, and that a battalion of eight companies of 70 men each should be enrolled from among the Mhairs.

67. *Treaties with Oodeypoor and Jodhpoor.*—The negotiations with Oodeypoor resulted in the Treaty of May 1823 by which the management of Meywar-Mhairwarra, consisting of 76 villages, was made over to the British Government for a period of 10 years, the Rana agreeing to pay Rupees 15,000 a year to cover civil and military expenses.

68. In March 1824 a similar engagement was after some difficulty concluded by Mr. Wilder with the Jodhpoor Durbar. It was arranged that the sum of Rupees 15,000 should be annually paid on account of civil and military expenses, the Maharana and the Maharaja receiving in each case the revenue of their respective portions.

69. In March 1833 the arrangement with Meywar was continued for a further period of eight years, the Rana agreeing to pay Rupees 20,000 Chittoree or Rupees 16,000 Kaldar on account of civil and military expenses. On the 23rd October 1835 the arrangement with Marwar was extended for a further period of nine years. The transfer of the Jodhpoor territory was only partial; many villages were left in the hands of the bordering Thakoors, though nominally under the Police superintendence of the British authorities. Twenty villages were made over by the first Treaty, and by the second Treaty seven villages were added, but these latter were returned to Marwar in 1842. The average yearly amount collected from the Marwar villages until Colonel Dixon's settlement was Rupees 6,403; Colonel Dixon's assessment was Rupees 7,972.

70. *Administration of Colonel Hall.*—Colonel Hall was the first officer appointed to the charge of the newly acquired district, and he ruled Mhairwarra for 13 years. He was fettered by no instructions, and was left to provide for the due administration of the country. In

his Report, prepared in 1834, he describes the system he adopted. Civil and criminal justice were administered by punchayet or arbitration. In civil cases the procedure was as follows :—The plaintiff presented his case in writing, and the defendant, being summoned, was required to write a counter-statement. An order was then passed for the parties to name their respective arbitrators, the numbers on each side being unlimited, but equal. The appointment of an umpire was found unnecessary. The parties then wrote a bond to forfeit a certain amount, generally one-fourth or one-third of the amount at issue if they should afterwards deviate from the decision of the punchayet. The punchayet was then assembled and an agreement taken from its members to decide according to equity and to pay a fine of so much if they do not. A native functionary then assembled the punchayet, summoned the witnesses and recorded the proceedings to their close. When a decision was arrived at, the result was made known to the parties who were entitled to record their assent or dissent. If two-thirds of the punchayet agreed, the question was settled. If the losing side dissented and paid the forfeit, a new punchayet was chosen by special order of the Superintendent.

71. Criminal cases in which the evidence was unsatisfactory were also referred to punchayet. Four months' imprisonment in irons was the usual sentence on conviction for minor offences, unless the crime had been denied. The jail was made self-supporting : each prisoner was supplied with one seer of barley-meal daily and with nothing else, but if the prisoner wished, he might furnish his own flour. On his release, he was obliged to pay for his food and for his share of the jail establishment as well as for any clothing which might have been given him, and this system of recovering the jail expenses from the prisoners and their relations lasted till Colonel Dixon's death, when on the representation of Captain Brooke it was abolished in the year 1858. The prisoners worked from daylight till noon in the hot weather and from noon till evening in the cold weather.

72. The revenue was collected by estimate of the crop, one-third of the produce being the Government share, except in some special cases. The estimate was made by a writer on the part of Government assisted by the patels, the putwaree and the respectable landowners. If a dispute arose, the worst and best portions of the field were cut and a mean taken. An appeal against the estimate was allowed to the Superintendent. The prices current in the country for 10 or 12 miles round were then taken an average struck, and this assumed as the rate for calculating the money payment to be made. Cultivators who broke up new land or made wells received leases authorizing them to hold a one-sixth and one-eighth of the produce. The headmen of the villages paid one-fourth.

73. The system of administration adopted for Mhairwara has been given in some detail, since it possesses an historical value as being that under which the country thrived till 1851, the year of Colonel Dixon's regular settlement, and which, according to the opinion of all competent observers, was eminently successful. Mhairwara was, no doubt, fortunate in obtaining rulers like Colonel Hall and Colonel Dixon,

and Government was fortunate in enjoying the services of such officers. Colonel Hall remained at his post from 1823 to 1836, and his successor, Colonel Dixon, governed Mhairwarra till 1842. In the year Ajmere was added to his charge, but though Mhairwarra was under an Assistant Commissioner, still Colonel Dixon as Commissioner lived there the greater portion of every year till his death at Beawur in 1857. Both officers devoted their whole time and energy to their charge, and to them is due the regeneration of Mhairwarra and the reclamation of the Mhairs from a predatory life to habits of honest industry.

74. Nothing can more plainly speak to the great social change which has been wrought in the inhabitants of Mhairwarra than the deserted and ruined state of their ancient villages. These were formerly invariably perched upon hills in inaccessible places for the sake of safety from the attacks of their fellowmen and of wild beasts. The adoption of habits of industry and agriculture has rendered the retention of such dwellings alike unnecessary and inconvenient. The old villages are now nearly deserted and are fast falling into decay. New hamlets have sprung up everywhere in the valleys, and the tendency to settle near the cultivated land is still on the increase.

CHAPTER III.

ON TENURES.

Tenures of Ajmere are, as might be expected, entirely prevailing in the adjacent Native States, and though most systematically misunderstood at head-quarters, of the province has sufficed to prevent their being interfered with except in the one instance of the mouzahwar settlement of 1850. The soil is broadly divided into two classes, khalsa or the private domain of the Crown, and land held in estates or baronies by feudal Chiefs originally under an obligation of military service. Khalsa land again might be alienated by the Crown either as an endowment of a religious institution or as a reward for service to an individual and his heirs. Such grants, when they comprised a whole village or half a village, are called jaghires, and 51 whole villages and 3 half villages have been alienated in this way.

76. *Khalsa*.—The basis of the land system of Rajpootana is that the State is in its khalsa lands the immediate and actual proprietor standing in the same relation to the cultivators of the soil as the feudal Chiefs do to the tenants on their estates. The jaghiredars who are assignees of the rights of the State have the same rights as the State itself.

77. From ancient times it has been the custom in the khalsa lands of Ajmere that those who permanently improved land by sinking wells and constructing embankments for the storage of water acquired thereby certain rights in the soil so improved. These rights are summed up and contained in the term "*biswadaree*," a name which is synonymous with the term "*Bapota*" in Meywar and Marwar, and with the

term "miras" in Southern India, both words signifying heritable land. A cultivator who had thus improved land was considered protected from ejectment as long as he paid the customary share of the produce, and had a right to sell, mortgage, or make gifts of the well or embankment on which he had expended his capital, such transfer carrying with it the transfer of the improved land. These privileges were hereditary and practically constitute proprietary right, and hence the term "biswadar" has come to mean "owner."

78. In a district like Ajmere, where the rainfall is so precarious, unirrigated land was hardly regarded, and possessed but little value. The State was considered owner of this as well as of the waste. No man, in fact, cultivated the same unirrigated fields continuously, and the village boundaries were undefined. The State had the right to locate new hamlets and new tenants; to give leases to strangers who were willing to improve the land, and to collect dues for grazing from all tenants, whether biswadars or not. The State, in short, held exactly the same position in the khalsa lands as a large Talookdar in his estate.

79. Mr. Wilder and Mr. Middleton, the first Superintendents of Ajmere, have recorded their opinion that the waste lands were the property of the State. Mr. Cavendish, their successor, whose experience was gained in the North-Western Provinces, considered them the property of the community. Mr. Edmonstone, who made a ten years' settlement in 1886, investigated the question, and was clearly of opinion that the State was the proprietor. In his Settlement Report, dated 12th May 1886, he writes that the opinion of Sir Thomas Munro as regards the tenures in Arcot seems to him peculiarly adapted to the tenures of Ajmere, and is entirely consistent with all the information he possessed. The Sirkar from ancient times has everywhere granted waste land in "inam" free of every rent or claim, and appears in all such parts to have considered the waste exclusively as its own property. It may be objected that, if this is the case, the State may give away the whole lands of a village, and injure the inhabitants by depriving them of their pastures. It certainly might give away the whole, but whether the exercise of the right would be injurious to the inhabitants would depend upon circumstances. If the lands, according to the general custom of the country, were left uninclosed, there would be no injury, as the cattle of the village would graze on them whenever the crops were off the ground. If the lands were inclosed, the inhabitants would be no worse off than those of many other villages whose lands are entirely cultivated and inclosed, and who are in consequence often obliged to send their cattle during the dry season to graze in distant "jungles." And again the Sirkar possesses by the usage of the country the absolute right to dispose of the waste in all villages which are miras as well as in those which are not.

80. When Colonel Dixon commenced his tank embankments in 1842, he acted as a steward to a great estate. He founded new hamlets where he thought fit; he gave leases at privileged rates to those who were willing to dig wells; and distributed the lands under the new tanks to strangers whom he located in hamlets in the waste. In no instance the old biswadars imagine for a moment that their rights were being

invaded, nor did they consider that they were entitled to any rent or malikana from the new comers. Colonel Dixon classed old and new comers together as biswadars with the same rights as to sale and mortgage.

81. Such was the tenure of the khalsa lands of Ajmere till 1849, when the village boundaries were for the first time demarcated, and under the orders of Mr. Thomason a village settlement was introduced. This settlement effected a radical change in the tenure. It transformed the cultivating communities of the khalsa, each member of which possessed certain rights in improved land in his actual possession, but who, as a community, possessed no rights at all, into Bhyachara proprietary bodies. The essence of the mouzahwar system is that a defined area of land, that namely which is inclosed within the village boundaries, is declared to be the property of the village community, and the community consists of all those who are recorded as owners of land in the village. Even now the change is hardly understood and is not appreciated by the people. Daily petitions are filed by men anxious to improve the waste land of a village, praying that Government will grant them leases in its capacity of landlord. *In many cases, where Colonel Dixon established a new hamlet, he assessed it separately from the parent village; that is, the revenue assessed on each resident of the hamlet was added up and announced to the hamlet, the waste remaining the common property of the parent village and of the hamlet. In 1867 these hamlets were formed into distinct villages, the waste adjacent to the hamlet being attached to it, the biswadars of the parent village retaining no right over this land nor imagining that they possess any. In this way there are now 139 villages in Ajmere against 85 at the time of Colonel Dixon's settlement.*

82. Until the mouzahwar settlement of 1849, therefore, the tenure in the district was ryotwar. The State owned the land, but allowed certain rights to tenants who had spent capital on permanent improvements in the land so improved. This bundle of rights gradually came to be considered proprietary right, and since 1849 the State has abandoned its right of ownership over unimproved land.

83. *Istumarar*.—The tenure of the feudal Chiefs of Ajmere was originally identical with that of the Chiefs in the Native States of Rajpootana. The estates were jaghires held on condition of military service and liable to various feudal incidents. Colonel Tod, in his *Rajasthan*, Volume I, page 167, thus sums up the result of his enquiries into the tenure:—

“A grant of an estate is for the life of the holder, with inheritance to his offspring in lineal descent or adoption, with the sanction of the Prince, and resumable for crime or incapacity; this reversion and power of resumption being marked by the usual ceremonies on each lapse of the grantee, of sequestration (zabti), of relief (nazzerana), of homage and investiture of the heir.”

From all that can be discovered the original tenure of the istumarar estates of Ajmere is exactly described in the above quotation. The grants were life grants, carrying with them a condition of military service, but like all similar tenures they tended to become hereditary.

84. None of these estates ever paid revenue till the time of the Mahrattas in 1755 A. D. To enforce the condition of military service was for these freebooters as unnecessary as it would have been impolitic, and in lieu of service they assessed a sum upon each estate which presumably bore some relation to the number of horse and foot-soldiers which each Chieftain had up to that time been required to furnish. The assessment, however, was very unequal, and varied with the power of the Mahrattas to exact it, the smaller Chiefs paying a very much larger proportion of their income than their more powerful brethren who were likely to resist, and whom it might be difficult to coerce. On the cession of the district in 1818, these Chieftains were found paying a certain sum under the denomination of "mamla" or "ain" and a number of extra cesses which amounted on the whole to half as much again as the mamla. These extra cesses were collected till 1841, when on the representation of Colonel Sutherland, Commissioner of Ajmere, they were abandoned. In 1830, 1839, and 1841 Government had declared that the estates were liable to re-assessment, but these orders were never acted upon, nor even communicated to those concerned, and the Chiefs who at a very early period of our rule, perhaps even before it, had acquired the title of istumrardars, no doubt considered themselves as holders at a fixed and permanent quit-rent. This belief of theirs was strengthened by the action of Government in 1841, when all extra cesses were remitted and the demand of the State limited to the amount which had been assessed by the Mahrattas nearly a century before. This tenure has been carefully investigated within the last two years, and the final orders of Government were conveyed in the letter from the Secretary to the Government of India to the address of the Chief Commissioner, No. 94R., dated 17th June 1873. His Excellency in Council consented to waive the right of Government in the matter of re-assessment, and to declare the present assessments of the Chiefs to be fixed in perpetuity. The concession was accompanied by a declaration of the liability of the estates to pay nuzzerana, and the conditions on which the estates are held have been incorporated in the Sunnud granted to each istumrardar. The estates descend to the eldest son, and a very strict system of entail has been established.

85. The tenure of land in the istumrar estates, as between the istumrardar and his tenants, has never formed the subject of judicial investigation, nor have the recent settlement operations been extended to the istumrar area. The prevailing opinion is that the cultivators are all tenants-at-will, but at the time of Mr. Cavendish's enquiry in 1829, many of the istumrardars admitted that their tenants possessed certain rights in improved land, and on this subject the opinion of Colonel Dixon, as conveyed in a Memorandum addressed to Sir Henry Lawrence, and dated 28th August 1864, is deserving of attention, and is entirely consonant with the account of the land system of the district above given. "The Chiefs of villages are reckoned as Biswadars within their own estates. It is a right which is rarely exercised by them, for all cultivators who have sunk wells would, in the eye of the law, be considered their owners, and not dispossessed without cause assigned and without being remunerated for their outlay. In baranee and talabee lands the people cultivate according to the pleasure of the Thakoor."

There is no doubt that in khalsa and jaghire villages a cultivator who improves land acquires some rights in the land so improved, and the probability is that the same principle holds good for the istumrar. As a matter of fact, disputes between an istumrardar and his tenants never come before our Courts.

86. *Jaghire*.—The subject of jaghire estates was investigated by a mixed Committee of Government officials and jaghiredars during the present year, and the Report of the Committee, dated 16th May 1874, contains all that is known of the tenure. Out of a total area of 150,838 acres yielding an average rental of Rupees 91,000, 65,472 acres belong to the endowments of shrines and sacred institutions and yield a revenue of about Rupees 43,000. The remaining jaghires are enjoyed by individuals and certain classes especially designated in the grants. No conditions of military or other service are attached to the tenure of any jaghire.

87. In all jaghire estates the revenue is collected by an estimate of the produce, and money assessments are unknown. The relative status of the jaghiredar and cultivators was judiciously declared on the 18th August 1872, and is succinctly as follows:—

First.—All those who were in possession of land irrigated or irrigable from wells or tanks, which wells or tanks were not proved to be constructed by the jaghiredar, were declared owners of such land.

Second.—The jaghiredar was declared owner of irrigated land in which the means of irrigation had been provided by him, of unirrigated land, and of the waste.

88. *Bhoom*.—An account of the tenures of Ajmere would be incomplete without a description of the tenure known as bhoom, which is peculiar to Rajpootana. The word itself means "the soil," and in the land system of Rajpootana the name Bhoomia properly signifies the "allodial proprietor" as distinguished from the feudal Chief and the tenant of Crown lands. According to Colonel Tod, Volume I, page 164, the Bhoomias in Meywar are the descendants of the earlier Princes, who on the predominance of new clans ceased to come to Court and to hold the higher grades of rank. They continued to hold their land, and became an armed husbandry, nominally paying a small quit-rent to the Crown, but practically exempt. In course of time various kinds of bhoom grew up which, unlike the original allodial holding, were founded on grants, but had this apparently in common that a hereditary property in the soil was inseparably bound up with a revenue-free title. Bhoom was given as "mundkati" or compensation for bloodshed, in order to quell a feud, for distinguished services in the field, for protection of a border, or for watch and ward of a village. So cherished is the title of bhoomia that the greatest Chiefs are solicitous to obtain it even in villages entirely dependent on their authority.

89. Mr. Hallam defines allodial property as "land which has descended by inheritance, subject to no burden but that of public defence. It passes to all children equally; on failure of children, to the nearest kindred." There are in Ajmere 109 bhoom holdings, and the origin of nearly half of these is lost in the mists of antiquity. In

sixteen cases, chiefly those in which an istumrardar is also a bhoomia, the right of primogeniture is recognized. In the remainder the rights in the property are regulated by ancestral shares, and there are now 2,041 sharers, the average yearly rental of a share being Rupees 17-8.

90. Whatever the origin of the bhoom holdings of Ajmere, and most of them are founded on grants to the younger sons and brothers of the talookdars, the rights and duties of all bhoomias in the district came in course of time to be identical. Till 1841 they held their land on a quit rent which was abolished in that year along with the extra cesses from istumrardars, and since that time they have held revenue-free. Their duties were three in number, *first*, to protect the village in which their bhoom is and the village cattle from dacoits; *secondly*, to protect the property of travellers within their village from theft and robbery; and *thirdly*, pecuniarily to indemnify any sufferer from a crime which they ought to have prevented.

91. This last incident was the peculiar feature of the Ajmere tenure, and grew out of the custom of Rajpootana that the Raj should compensate travellers for losses by thefts and robberies occurring in its territory. This custom is still carried out by the International Court of Vakeels. When the theft or robbery has occurred in a village belonging to a fief, the Chieftain to whom the village belongs is called on to indemnify the sufferers, and the istumrardars of Ajmere have always been compelled to compensate sufferers from thefts and robberies committed on their estates. When the theft or robbery is committed in a khalsa village, where the State occupies the position of landlord, the State itself has to pay compensation. Similarly, a jaghiredar to whom the State has transferred its rights and duties is pecuniarily liable. In no case has the cultivating community of a khalsa or jaghire village been called on to pay indemnity. The State, however, in course of time finding the responsibility inconvenient, transferred it to the bhoomia; but in villages where there were no bhoomias, the State still remained responsible.

92. However useful the system of pecuniary compensation may have been, and however well adapted to the times of anarchy in which it had its birth, there is no doubt that in Ajmere it has long been moribund, though it still shows spasmodic signs of existence. When the average rental enjoyed by a bhoomia is only Rupees 17 a year, it is hopeless to expect that more than a very few bhoomias could compensate even a very moderate loss. If the stolen property exceeded a few hundred rupees in value, none could from the assets of their bhoom indemnify the sufferers. The progress of civilization, roads and railways, and the freer intercourse which arises between States, inevitably doom this device of a rude state of society. The transition commenced sometime ago in Ajmere, when the Thakoor of Joonia, who is hereditary bhoomia of the town of Kekree, was permitted to commute his responsibility of indemnifying losses by the establishment of a force of watchmen in the town. As soon as the Native States adopt a system of regular police, this distinctive feature of the bhoom tenure must vanish, and by a mixed Committee of officials and bhoomias, which sat in 1873, it was proposed to relieve the bhoomias at once from this obligation. The Commit-

tee proposed to revert to what seemed to be the original incidents of the tenure, to hold the bhoomias liable as an armed militia to be called out to put down riots and to pursue dacoits and rebels, and to take from them a yearly quit-rent under the name of nuzzerana.

93. *The State.*—The above sketch will have shown that it is probable that the State still possesses much larger proprietary rights in the khalsa villages of Ajmere than it possesses in most other parts of the Bengal Presidency. To the State belong in sole proprietary right all mines of metals in khalsa villages, while for its own purposes it can quarry, free of payment, where and to what extent it pleases. This principle was recognized in the letter from the Secretary to the Government of India, No. 226 R., dated 10th November 1873. Two ranges of hills near Ajmere, that of Taraghur and that of Nagpahar, have been declared to be the property of Government. The tanks and embankments of Ajmere have almost all been made by the State, and Government is the owner of the embankments and of all that grows thereon as well as of the water in the tank. Under the proposed Forest Ordinance, the State has reserved to itself the right to resume from the village communities the management of any tract of waste or hilly land, the proprietary right subject to certain conditions being vested absolutely in Government as long as the land is required for forest purposes. In istumrar estates, on the other hand, the State has little or no rights beyond that of taking a fixed revenue. In jaghire villages, where the State has conferred its rights on the jaghiredar, Government possesses, it is presumed, no rights.

94. *Mhairwarra.*—Mhairwarra possessed no settled Government till 1822, when it came under British management. The people found the occupation of plunder more profitable and congenial than that of agriculture. No crops were sown except what was absolutely necessary for the scanty population. The tanks were constructed and used exclusively for the purpose of providing water for the cattle. No revenue or rent was paid. The Rajpoots were never able to obtain a firm footing in the country. Whatever small revenue they could get from it was obtained at a cost both of life and money far exceeding its value. Under such circumstances, tenures could not spring up. Colonels Dixon and Hall, to whom the civilization of the Mhairs is due, treated Mhairwarra as a great zemindaree, of which they were the managers and Government the owner. Their word was law. They founded hamlets, gave leases, and made tanks, and collected one-third of the produce as revenue from the people. At the settlement of 1851 all cultivators who had recently been settled in the villages were recorded as owners of the land in their possession equally with the old inhabitants.

95. One peculiarity of the land tenure of Ajmere-Mhairwarra should not be omitted. It is the entire absence of the custom of sale, whether voluntary or enforced. Private sales of land appear to have been practically unknown till about a generation ago, nor has any land ever been sold for arrears of revenue. Sale of land in execution of decrees of the Civil Court has been prohibited as contrary to ancient custom. Mortgages, however, are only too common and many of them differ in no respect from sales.

96. A non-proprietary cultivating class hardly exists in either district. Where tenants exist they pay generally the same rates of produce as the proprietors themselves paid before the regular settlement. The few Maurusee cultivators pay merely distributed shares of the Government revenue.

CHAPTER IV.

POPULATION AND CASTES.

97. *Census Statistics.*—The total population by the census of 1872 is 316,032, exclusive of Europeans, which were numbered previously at 558 souls. There were 91,199 houses of all sorts. Of the population 203,535, or 64 per cent. are males, 112,497 or 36 per cent. are females. Adults were counted at 213,402, of which number 141,049 were males and 72,353 were females; children were counted at 102,650, of which 62,486 were boys and 40,144 were girls. Classed by occupation, 132,702 are agriculturalists; non-agriculturalists are 183,310. Hindoos, with whom Sikhs numbering 72 and Jains numbering 34,616, have been classed, are returned as 252,996 or 80 per cent. of the population; Mahomedans are 20 per cent. or 62,456; Native Christians are returned at 249; and Parsees at 65. Of the Hindoos, 114,126 or 45 per cent. are agriculturalists, 55 per cent. or 133,870 are non-agriculturalists. Of the Mahomedans, 22,237 or 36 per cent. are agriculturalists. The results of the census of 1872 show a falling off of 109,678 souls, as compared with the census of 1865, a result partially no doubt to be ascribed to the disastrous famine of 1868-70, but no sound conclusions can be drawn from these figures, as the returns of 1872 are untrustworthy and have been pronounced to be so by the Government of India. In the census papers 82 castes are enumerated in Ajmere-Mhairwara, and of these 56 castes comprise the Hindoo population, though probably the number of Hindoo castes is rather more. Including the khalsa and jaghire villages, but excluding the istumrar villages, there are 190 villages in Ajmere. There are 241 villages, in the Beawur Tehsil and 88 in Todghur, and these numbers must be borne in mind in tracing the distribution of the castes.

98. *Rajpoots.*—If the account of the tenure in the khalsa and jaghire portions of Ajmera, given in the preceding Chapter, has been followed, it will not be a matter of surprise that Rajpoots own hardly any land except bhoom and istumrar, or that 67 castes have been found in possession of proprietary right at the recent revision of settlement. No Rajpoot would have cared to take land other than on bhoom or talookdaree tenure, and the Crown tenants as well as the tenants of the jaghire estates are mainly the descendants of the ancient cultivators of the soil, who have held their land in all the dynastic changes through which Ajmere has passed. Where every man who dug a well became owner of the land irrigated therefrom, and where a cultivator without a well is considered a waif, with no tie to bind him to the village where he may reside, the landowning castes must be nearly co-extensive with the cultivating castes, and such is found to be the case. Of the 190

Ajmere villages, 52 are held by Jats; 51 belong to various Mhairwarra clans; 35 belong to Goojurs; four to Rajpoots; two to Deswalee Mus-sulmans; eight castes hold one village each, Mali, Syud, Pathan, Mogul, Ranjara, Abir, Fakir, and Christian. In the remaining 39 villages there is no exclusive caste ownership; the principal castes in these villages are 14 in number—Mahlis, Teblis, Mhairs, Merats, Deswalees, Goojurs, Brabmans, Rajpoots, Mahajuns, Kayeths, Kharols, Ahirs, Rebaris, Regars. The remaining landowning castes have few representatives and are scattered over many villages.

99. The four villages belonging to Rajpoots are Arjunpoora Jaghire, Arjunpoora Khalsa, Golah, and Khoro, the two former belonging to Gor Rajpoots, the two latter to Rahtores. This exception, however, only proves the conclusion of the foregoing paragraph. Arjunpoorn Jaghire was given on condition of protecting the road and assimilates to a bhoom tenure. The land is subdivided among the descendants of the original grantee. Arjunpoora Khalsa stands quite alone by itself as the only zemindaree tenure in the district (with the exception of Mahomedghur, where the tenure has been created by ourselves), and narrowly escaped being classed with the istumrar estates. Golah was held on istumrar tenure till shortly before the establishment of British rule. Khori was originally a Mhair village, but the Rahtores held a large amount of bhoom in it and gradually turned out the Mhairs. In short, where Rajpoots hold jaghire or khalsa land, it will generally be found that it is the relic of a talookdaree tenure, or of a jaghire grant, or an encroachment by bhoomias.

100. *Jats*.—The Jats were numbered at the census at 28,399, of whom 2,535 belong to Mhairwarra. They with the Goojurs are the original cultivators of the soil, and considerably outnumber any other caste. Nearly the whole of the Ramsar Pergunnah belongs to them. They are settled in Kekree and in the best villages of the Ajmere and Rajghur Pergunnahs. Tabiji, Saradhaa, Makrora, Jethana, Budhwara, and Picholian belong to Jats. In the Beawur Tehsil they hold seven villages, chiefly in and about the old town of Beawur adjoining the Ajmere District, for they never penetrated far into Mhairwarra and are not to be found in the Todghur Tehsil. They are divided into three main families—Puniyo, Seeshmo, and Harchitral, but their “gots” are more than a hundred. As elsewhere, they are strong men and hard-working cultivators. They hold no revenue-free land nor any bhoom. They have in Ajmere double as much land as to the Goojurs, and pay three times as much revenue, partly no doubt owing to their having monopolized the best villages, but chiefly to their greater energy in making wells and improving their land.

101. *Legend of Tejaji*.—The Jats worship a variety of gods, including Mata and Mahadeo, but the chief object of veneration for all the Jats of Marwar, Ajmere, and Kishenghur is Tejaji, whose legend is as follows:—Teja was a Jat of Karnala near Nagor in Marwar, who lived 880 years ago and had been married at Roopnagar in Kishenghur. While grazing his cattle he observed that a cow belonging to a Brahman was in the habit of going daily to a certain place in the jungle where the milk dropped from her udder. Further observation showed that the milk

fell into a hole inhabited by a snake. Teja agreed with the snake to supply him daily with milk and thus prevent the Brahman suffering loss. Once when he was preparing to visit his father-in-law, he forgot the compact and the snake appearing declared that it was necessary he should bite Teja. Teja stipulated for permission to first visit his father-in-law, to which the snake agreed. Teja proceeded on his journey, and at Kishenghur rescued the village-cattle from a band of robbers, but was desperately wounded in the encounter. Mindful of his promise to return, Teja with difficulty marched home and presented himself to the snake, who however could find no spot to bite, so dreadfully had Teja been cut up by the robbers. Teja therefore put out his tongue which the snake bit, and so he died. The Jats believe that if they are bitten by a snake and tie a thread round the right foot while repeating the name of Tejaji, the poison will prove innocuous. There is a temple to Tejaji at Sarsara in Kishenghur, and a fair is held in July. Tejaji is always represented as a man on horseback with a drawn sword, while a snake is biting his tongue. Nearly all Jats wear an amulet of silver with this device round their necks. Colonel Dixon singled out Tejaji as the patron of the fair he established in his new town of Nyanuggur.

102. *Customs of the Jats.*—Some customs of the Jats deserve mention. Marriage is not allowed within the same "got," and takes place generally later in life than in Upper India. A cocoanut and a rupee, emblems of fertility and wealth, are sent to the house of the bride. Then the brotherhood is collected and the contract is concluded by throwing the cocoanut and the rupee into the lap of the bride. The day is then fixed by the bride's parents, and the "Barat," which consists generally of 25 to 30 men, reaches the village in the evening. At the appointed time the bridegroom proceeds to the bride's house in red clothes and with a sword in his hand. The village carpenter affixes a frame of wood called a "toran" over the door, and this the bridegroom strikes with his sword and enters the house. The "toran" is a cross-barred frame resembling a wicket, and the custom is probably a relic of the marriage by conquest. All castes put up "torans," and as they are not removed, they may be seen on half the houses in the district. When the bridegroom has entered the house, the Brahman causes him and the bride to go round a fire lit in the centre of the room. This is the ceremony called "Phera," and is the only one used. The second day there is a feast and the bridal party then disperses. The bride's father takes money, and Rupees 84 is the fixed amount. The bridegroom's father spends about Rupees 200, the bride's father nearly as much, and the subsequent "guna" when the bride's father gives turbans to his son-in-law's relatives, costs him about Rupees 150 more.

103. *Custom of Natha.*—The Jats are monogamous, and with them, as with the Goojurs, Maleas and all the tribes of Mhairwarra, widow marriage is the rule and is called "Natha." A man cannot marry his younger brother's widow, but may that of his elder brother. The younger brother has the first claim on the widow's hand, but if he does not marry her, any one in the "got" may do so. No feast

to the brotherhood is given in "Natha," and consequently this species of marriage is much less expensive than the other. No disability of any kind attaches to the children of a "Natha" marriage. Young widows are married off by their husband's relations, who take about Rupees 100 or 150 from the second husband. Formerly the widows were not allowed much choice as to whom they should marry, and were generally given to the highest bidder, and in the early accounts of the Mhairs the custom is stigmatized as revolting under the name of sale of women. As a matter of fact grown up widows can now choose for themselves, though when they do the punchayut generally orders a certain sum to be paid to the deceased husband's relations. These orders are often contested and are not enforced in the Courts. If a widow chooses to remain so, she is not forced to marry, and in all castes a widow who has no sons retains her deceased husband's property till her death or her re-marriage. She cannot mortgage except in order to pay her husband's debts or to marry her daughter. The custom of Natha arose out of the right of property supposed to be derived from the sum paid to the bride's father on the occasion of the marriage engagement, and the condition of widows is infinitely preferable under the custom than if they were forced to remain unmarried all their lives. Colonel Hall has recorded that while he was complaining that women were sold as sheep, the women themselves, so far from considering it a grievance, were flattered by the payment of a high price as a testimony to their beauty and usefulness. Rajpoots and Brahmins are the only castes who do not practise Natha, and with the Rajpoots the custom of Suttas is the alternative. Rajpoot wives and concubines all long to become Suttas, and were the custom not sternly repressed, it would now be flourishing in Rajpootana.

104. *Other Customs.*—The chief waste of money among the Jats and other Hindoo castes is on the occasion of a feast to the brotherhood on the twelfth day after the death of a relation. If, however, the feast is not given on the twelfth day, it may be given at any time, and the Mahajans stir up the people to perform these ceremonies. Jats, Malees, Goojurs, and Mhairs eat three times a day. The early meal is called "Siraman" and consists of the food remaining over from the preceding day. The mid-day meal is called "bhat" or "rota" and consists of barley or maize-bread with greens and butter milk. The evening meal called "byaru," generally consists of soaked maize and butter-milk. All castes smoke tobacco and present it to strangers, and he who consumes most is the best man.

105. *Goojurs.*—The Goojurs hold 35 villages in all parts of the Ajmere District and three in Beawar Tehsil, where they are settled in the outlying villages of Jethghur and Bhyron Khera in the Meywar plain. They are returned in the census at 17,379. They are careless cultivators, and devote their energies to grazing cattle. Those who live near Ajmere sell milk and butter in the town. Their chief divinity is Deojee, who was a Goojur of Bednor in Meywar some 700 years ago, and who worked miracles. Their customs are identical with those of Jats, but the Goojurs in Mhairwarra have adopted a custom of inheritance from the Mhairs, by which the property is divided

according to wives and not according to sons. Goojurs and Jats will eat together. The chief men are called Mihr; the chief men of Jats are called Chowdry or Patel.

106. *Brahmans.*—Brahmans are counted in the census at 15,389, of whom 1,945 are in Mhairwarra. These latter eat meat and are despised by the other Brahmans. Brahmans are not generally cultivators, but hold revenue-free land in nearly every village.

Vaisya. The Vaisya tribe are all Jains, and the two chief castes are the Agarwal, who derive their name from Agroda near Delhi, and the Oswals, who trace their birth-place to Osanaggri in Marwar. They are merchants and traders, and generally well off. The other Jain castes are Mahesrees, Saragees, Bijahargees, Khandelwals Dusars, and Jatees.

107. *Kayeths and other castes.*—The Kayeths say they are a fifth caste, and some wear the Brahmanical thread. There are three distinct families in Ajmere, known by the names of their pergunnahs—Ajmere, Ramsar, and Kekree—and these acknowledge no relationship. They have been hereditary canongoes. Since the time of the Emperors, they hold about 1,000 acres of revenue-free land, and enjoy certain perquisites from jaghire and istumrar villages. Malees number about 8,000 and are good cultivators, and hold the greater part of Kusbah Ajmere. A peculiar caste, Kir, very few in numbers, devotes its attention to the culture of melons. The Rebarees, very few in number, breed camels and cultivate rice. The menial castes are Bhangees, Balabees, Thorees, and Regars. The Balabees are the most numerous, numbering 18,000, and consider themselves superior to the Regars who correspond with the Chamars of the North-West Provinces. Meenas, Sansees, and Bheels are the thievish classes. None of them are numerous in the district. The Meenas are abundant in the pergunnah of Jehazpoor in Meywar whence they make their incursions, and now and then the district is infested by Baorees, a thievish and robber caste from Marwar, who however have got no settled abode within the limits of the province. The names of the remaining castes point to the occupation of each. Kumbars (potters) number 9,500, Naacs (barbers), khatees (carpenters), telees (oilmen), chakar (domestic servants), soonars (goldsmiths), lakheras (dealers in lac), lohars (blacksmiths), dhobees (washermen), are below 5,000. Durzees (tailors), kallals (liquor-sellers), chhipas (chintz printers), kahars (bearers), ghoses (milk and butter sellers), are below 2,000. Kunbees, tambolis (pan sellers), sikalgars (steel sharpeners), beldars (diggers), bharboojas (grain parchers), thatheras (braziers), barts (bards), raj (masons), are all under 500.

108. *Mahomedans.*—Of the Mahomedans 53,232, including Merats 14,710, are classed as Shaikh, Syuds are 2,993, Moguls 1,779, Afghans are numbered at 4,758. Deswalees hold two villages in the north of the district, and say they are Rajpoots who were converted in the time of Shahab-ud-din. One village, Mahomedghur, belongs in zemindaree tenure to a Pathan. The Banjaras, who live in Ghegal, are Mussulmans and were, they say, converted at the same time as the Deswalis. The Mussulmans in the district are chiefly the attendants on the Mahomedan

shrines, and most of them hold revenue-free land in the jaghire villages attached to these institutions. They are poor and idle.

109. *Christians and Parsees*.—Native Christians are returned as 249. The United Presbyterian Mission has occupied this field for thirteen years, but Christianity cannot as yet be said to have struck deep roots into the soil. Many of the Christians are orphans who were left destitute by the famine and taken charge of by the Mission. A hamlet has been founded near Nusseerabad under the name of Asapoor or Hope Town, where the boys of the Orphan School, as they grow up, who do not elect for trade, will form an agricultural Christian community, and the lands belonging to the hamlet have been separated from the parent village and formed into a distinct township. Parsees are only 65 in number and are Bombay shop-keepers in the Cantonment of Nusseerabad.

CHAPTER V.

110. *Mhairwarra clans*.—The tribes which at present inhabit Mhairwarra do not claim to be, nor do they appear to have been, the original inhabitants. Of these last, however, but little is known. The country must have been an impenetrable jungle and the majority of the sparse inhabitants were probably outlaws or fugitives from the surrounding States. The caste of Chandela Goojurs is said to have dwelt on the hills about Chang, the hills in the neighbourhood of Kalinjur, Saroth, and Bhaelan are assigned by tradition to Brahmans. On the east side on the Boowa Hills the caste of Bhattee Rajpoots is said to have been located, while the southern portion of the Todghur Tehsil was occupied by Meenas. There is a tradition that Bahattee Rajpoot, Ajeet Sing, bore the title of King of Mhairwarra.

111. The present inhabitants of Mhairwarra are all promiscuously designated Mhairs, a name which is derived from "Mer," a hill, and signifies "hillmen." The name is not that of any caste or tribe and is only a correct designation, in so far as it is understood to mean the dwellers on this portion of the Aravali Range. The two main tribes of Mhairwarra are those known by the appellation of Chita and Barar, each clan traditionally divided into 24 "gots," but new gotts are constantly formed which take the name of their immediate ancestor, and there are now about 40 gotts in each tribe.

112. *Chohan Meenas*.—Colonel Tod (*Rajasthan*, Vol. I., p. 680) asserts that the tribes of Chita and Barar are Meenas, and the traditions of the people themselves point to a Meena ancestry. Both tribes claim a common descent from Prithvi Raj, the last Chohan King of Ajmere, and the story is that Jodh Lakhun, the son of Prithvi Raj, married a girl of the Meena caste, who had been seized in a marauding expedition near Bundee, supposing her to be a Rajpootanee. When he discovered his mistake, he turned away the mother and her two sons, Aulal and Anup. The exiles wandered to Chang in Beawur, where they were hospitably entertained by the Goojurs of that place. Aulal and Anup rested one day under a *bar* or fig-tree, and prayed that if it destined that their race should continue, the trunk of the tree might

rent in twain. The instant occurrence of the miracle raised them from their despondency and the splitting of the fig-tree is a cardinal event in the history of the race according to the following distich:—

Charar se Chita bhayo, aur Barar bhayo Bar-ghât
Shâkh ek se do bhaye : jagat bakhânî jat.

"From the sound 'Charar' (the noise which is supposed to have reached Auhâl from the splitting tree) the Chitas are called, and the clan Barar from the splitting of the fig-tree. Both are descended from one stock; the world has made this tribe famous." In following the distribution of the clans it is necessary again to bear in mind that there are 51 Mhair villages in Ajmere, and that there are 241 villages in the Beawur, and 88 in the Todghur Tehsils.

113. *Chita*.—Auhâl settled at Chang in the north-west of Mhairwarra, and his descendants in course of time exterminated the Goojurs who had given an asylum to Auhâl and his mother. The clan waxed strong and multiplied, and gradually occupied all the strong places of Mhairwarra, where they founded the villages of Jak, Shamkur, Lulua, Hattun, Kukra, Kot Kirana, Nai, and others. They appear to have held the remaining Mhairs in subjection, for they enumerate 16 castes of Mhairs, who they say used to pay them one-fourth the produce of the soil and of all plundering expeditions. The clan now holds 117 entire villages in Beawur, besides portions of 58 and 16 entire villages in Todghur to the north of that Tehsil and including the Pergunnah of Kot Kirana. In Ajmere there are 21 entire khalsa and jaghire villages belonging to Chitas, and they are to be found in all the Ajmere-Mhair villages except four.

114. Of the subdivisions of this clan by far the most numerous and important is that of the Merats, a term which is generally used as synonymous with a Mahomedan Mer, but which is a patronymic derived from Mera, the common ancestor of the Katats and Gorats. Harraj, grandson of Meera, a Chita, in the reign of Aurungzeb, took service under the Emperor at Delhi. During a night of terrific rain he remained firm at his post as sentry with his shield over his head. The Emperor, to whom the matter was reported, is related to have said—"In the Marwar tongue they call a brave soldier Kats, let this man be henceforth called Katsa." Harraj soon after became a convert to Islam, and is the progenitor of all the Katsat Merats, a very large family, who hold 78 villages in Beawur including all the principal places in the north and east of the Tehsil. Gora was a brother of Harraj, and his descendants are Hindoos and hold 21 villages in the centre and south-east of Beawur, of which Kallioja and Bahm are the chief. The Gorats spread southwards and have occupied 18 villages in the north of Todghur. One village in Ajmere, Maktopora, belongs to them. The Katsats, the most pushing of all the Chitas, spread northward and hold 8 of the 21 Chita villages in Ajmere. Thus they formed new gotes of which the Bahadour Khans, generally called *gore* or *gore* Khans, is the principal. Besides the khalsa and jaghire villages four villages in Ajmere proper are held by Katsats on *khums* tenure, viz. Naur, Bajaroni, Ajmer, and Karkhoo. These villages were given them by the Mogul

Emperors for protection of the city of Ajmere and the adjacent passes. Shumsher Khan, the Chief of the Istumrardars of Rajaosi, is the head of the Bahadoor Khanees family, and is styled "Tikai." The chief men of Katats and Gorats call themselves Thakoor, but in Beawur the chief of Hathun, Chang, and Jak, who are Katats, are called Khans.

115. Of the remaining subdivisions of Chitas the most important are the Laget, who hold six villages in Beawur and Naaset, who own the villages of Burgaon, Palran, Pharkia, Manpoora, and Hathibata in Ajmere, besides portions of several others. The other gotts which may be mentioned are the Rujoriya and Begariyat, the former holding three villages in Beawur, the latter three villages in Ajmere, and the Bajoriyat, Borwara, Bilodiya, Pithrot, Balot, and Nadot who possess a village or parts of several. The other gotts live scattered throughout Mhairwarra.

116. *Barar*.—Anup, the brother of Anhal, settled in Todghur and founded the Barar clan. His descendants, less enterprising than the Chitas, have remained in Mhairwarra and are not to be found in Ajmere. They hold 11 villages in Beawur, the most important of which are Kalikankar, Saindra, Bhalan, and Khera Sangnotan. They occupy the whole of the south of the Todghur Tehsil and own 48 entire villages. They are more unsophisticated, honest, and straightforward than the Chitas. They call themselves Rawut, a petty title of nobility, and would be insulted by being called Mhairs. The chief men are called Rao, and they have a multitude of Tikais, of whom the principal are the Rao of Kukra and the Rao of Barar.

117. All these Chohan Meenas, with the exception of the Katats, are nominally Hindoos. Katats and Gorats eat together, and nothing is forbidden food to either. A Chita will not marry a Chita, nor Barar a Barar, but a Chita seeks a Barar wife, and a Barar seeks a Chita-wife. A Barar woman, who marries a Katat or Mussulman Chita, is buried on her death. A Katat woman, who marries a Barar, is burned on her death. The marriage ceremony in either case is performed by "Phera," the officiating Brahman leading the bride and bridegroom seven times round a fire. The Katats of Ajmere are beginning to understand that they are Mahomedans and have partially adopted some Mussulman customs. Thus they have discarded the "Dhote," which is universally worn by their brethren in Mhairwarra. They sometimes intermarry with other Chitas, but it is not the custom, nor looked on as the proper thing to do. The custom of Phera under the guidance of a Brahman is being abandoned in favour of the Nikah ceremony in their marriages, and under the influence of the Khadims and other Mahomedans, with whom they intermarry, they have begun to think they ought to keep their women secluded, though in Mhairwarra the women work in the fields.

118. The customs of the two clans, whether calling themselves Mahomedans or Hindoos, are identical. A sonless widow retains possession of her husband's property till she marries again, or till her death. She can mortgage in order to pay her husband's debts, to discharge arrears of Government revenue, or to obtain funds for the expenses of marrying her daughters. Daughters do not inherit when there are sons

alive. All sons inherit equally, but in the event of there being sons from two or more wives, the property is divided *per capita* of the wives and not *per capita* of the sons. This custom called "Chenda-But" as opposed to "Paggriwand" or "Bhai-But" is universal among all the Mhairwarra clans. There is no distinction between ancestral and acquired property. A relation of any age may be adopted; the nearest relation has the first claim, and his children born before his adoption succeed in the adopted family. Sons by slave-girls, who are pretty numerous under the name of "Dhurmputr," get land to cultivate, but obtain no share in the inheritance and cannot transfer the land. The custom of Natha or widow marriage prevails and has been already described in the preceding chapter. Much money is spent on funeral feasts.

119. *Powar clans*.—Among the tribes which boast other than a Chohan Meena ancestry, the most important are the two which claim descent from Dharanath Powar or Prammar, who founded the city of Dhuranagor, said to have been 24 kos in circumference, in Marwar, before the Prammar Rajpoots were obliged to give way before the Gohlots and Rahtores. Tradition says that Rao Bohar, a descendant of Dharanath, came and settled at Rudhana in the extreme south of the Beawur Pergunnah. From this place his descendants spread and founded the adjacent villages of Biliawas, Jowaja, Bahar, Barkochran, Rawat Mal, Lusanees now in the Beawur Tehsil, and Abhayjitghur, Naloi, and others in the Todghur Tehsil. The tribe is divided into six "gats"—Delat, Kallat, Doding, Boya, Kheyat, Pokhariya. Of these the Delat is the most numerous and holds 14 whole villages in Beawur and five in Todghur. The Kallat clan holds only one village, Kalathan Khera in Beawur, and the others hold no entire village in Mhairwarra. The Delats appear to have pushed the other members of the tribe out of Mhairwarra, who therefore settled near Ajmere, and especially in the pergunnah of Pooskhur. There are eleven villages in Ajmere held by this tribe, and they hold parts of eight others. The Dodings own Barla, Madarpooora, and Gwaree; to the Boya clan belong the villages of Hokran and Gudli; Khwajpooora and Kanakhera belong to Kheyats, and the Pokhariya clan holds the villages of Pooskhur, Ganahera, Naidla, and Nalokha. The men of this tribe like to be called Rawats, but are generally called Mhairs. The chief men are called "Gameti." They are an industrious race, generally taller and better built than the Chohan Meenas. Katats will not give their daughters in marriage to this tribe, but will take wives from them and they intermarry freely with Hindoo Chitas and Barar and other Mhair clans. Their customs are the same as those of the Chohan Meenas.

120. *Motee*.—The second tribe which claims descent from Dharanath is that of the Motee Rawats, who inhabit the pergunnah of Bhaelan, where they hold 14 villages. They own two villages—Fathpoor 1st and Bhojpoor in Beawur and only scattered representatives of this tribe are met with in Ajmere. The pergunnah of Bhaelan is supposed to have been originally inhabited by Brahmans. A descendant of Dharanath, Rohitas by name, came and lived at Bogmal as an ascetic in a cave in the hill now called Makutjee. A Banjara was passing through the hills with his wife, and deserted her at this spot. She lived some

time with the Jogee and then descending the hill sought the protection of Khemchand, Brahman in Bamunhera, and in his house was delivered of twin sons, of whom one remained in Bhaelan, the other in Marwar. In the fifth generation one Mahut was born, who expelled the Brahmans from Bhaelan. The hill, which was the cradle of the race was named after him, and he is still venerated by the Motees. A fair is held on the hill in September, at which time the hero is believed to traverse the 12 villages of Bhaelan in the twinkling of an eye.

121. *Gehlot*.—After the sack of Chitor by Ala-ud-din Ghorī two brothers, Rajpoots of the Gehlot clan, fled to Borwa in the Saroth Pargunnah, where they intermarried with Meenas. This tribe is divided into 16 clans, of which the most important are Godat, Medrat, Kacchi, Dinga, Baniyat, Lohra, Balot, and Dhankal. They hold 11 entire villages in all parts of Beawur one village, Kukar Khera, in Todghur, and are found in 23 other villages in Mhairwarra. In Ajmere they own six villages, Parbatpoora, Ausari, Mayapoor, Lacchmipoor, Boraj, and Amba Massena. They consider themselves Soorajbansee Rajpoots, and call themselves Rawat. Like the tribes of Puar origin they intermarry with Hindoo Chohan Meenas. Merats will take wives from them, but will not give them their daughters in marriage.

122. *Other clans*.—The Balahee caste holds four villages in Beawur. Jats and Goojurs hold 10, and Nursinghpooora and Dungar Khera belong to Mahajuns. The remaining inhabitants of Mhairwarra belong to a few scattered clans who pass under the general designation of Mhair, and who as usual claim to be descended from Rajpoots but who have no Jagah and no history. The *Pataliyal* clan claims to be of the stock of the Bhattee Rajpoots of Jeysulmere and holds one village, Baria Nagga. The *Chanrot* claim the same descent and own one village, Kali Kaukar Kishnpooora. They are also found in Mohanpoora in Ajmere. The *Bharsal* clan lives in the village of Ramkhera Dhanar, and are to be met with in Kotra Saidaria, Bhawani Khera, and Kishnpooora of Ajmere. The *Buch* Mhairs inhabit Rajpoor Buchan and are found in couple of villages in Ajmere. The *Kharwal* Mhairs live in Nyanuggur and Fathpoor 2nd, and the headman of the town of Beawur is of this caste. *Mannat Selot Bana* and *Banna* live scattered in a few villages.

123. *Religion and customs*.—Although the Mhairs consider themselves Hindoos and are generally classed as such, yet they are little fettered with Brahmanical rites and ceremonies. They eat three times a day, maize and barley bread being their principal food; but they will eat the flesh of sheep, goats, cows, and buffalos when it is procurable. Even the Brahmans of Mhairwarra will eat flesh. They observe no forms in the preparation of their food, and no interdiction exists as to the use of spirituous liquors. There is a proverb, "Mhair aur Mor unche par razi hain," "Mhairs and peafowl love the heights," and probably from this habit of living in high places they are exceedingly indifferent about washing. They are in short a very dirty race. In matters of religion they do not trouble themselves much with the orthodox divinities of Brahmanism. Small-pox is a great scourge of the country, and the chief deity worshipped is Mata, to whom a stone called "Sitla" daubed with red paint is consecrated, and these stones are to be met with on all sides, chiefly under khejra trees, which are sacred to Mata. Allahjee is a common deity, and the deified heroes, Deojee and Ramdeojee, also find

worshippers. Deojee's temple is at Barsawara or Todghur. Ramdeo is a Balaher hero, who worked miracles and his priest is a Balaher. The hills of Makutjee and Goramjee, the highest in Mhairwarra, share in the veneration of the people, and this is probably a relic of a pristine fetich worship, though now the hills have modern hero, legends attached to them. The only important religious festival of Mhairwarra is the annual fair held at Todghur in the month of September in honour of Mata, called from the name of the place "Peplaj Mata." Tradition says that the Mhairs used to sacrifice their first-born sons to this goddess, and it is still customary to those who have had a first son born to them during the year to bring a buffalo to the sacrifice. The animals, after the touch of consecration by the priest before the shrine, used to be let loose, and the people each armed with a knife or a sword cut them alive into little pieces. This barbarity continued till 1865, when on the representation of Mr. Robb, the Missionary at Todghur, it was put a stop to, and orders were issued that the animals should be first killed with a sword. Before the famine there were some forty or fifty animals yearly sacrificed, and in 1874 there were 18 buffaloes thus offered to the goddess. The officiating priest first strikes the animals on the neck, with a long sword, it is then dragged away and cut into little pieces in a few minutes. The festivals of the *Holee* and *Dewalee* are kept in Mhairwarra. The chief national peculiarity of the celebration of the *Holee* is the game called "Ahera" on the first and last day of the festival. The whole village turns out into the jungle, each man armed with two sticks about a yard long called Pokhree. Opium and tobacco are provided by the headmen, and having formed a line, the people commence beating for hares and deer, knocking them over by a general discharge of sticks as they start up. A number of hares are killed in this way. If the Mahajuns will pay, and the Mahajuns of Ajmere and Mhairwarra being Jains are exceedingly tender of life, the people will not kill on the second day. The festival of the *Holee* concludes with a game like "touch in the ring." The people consume a good deal of tobacco, but very little opium. Tobacco they carry in an oval wooden box called "ghatta," and the principal men append a long wooden handle to this box which they always carry about with them. The handle signifies that all who ask will get tobacco.

124. *Religious tendency.*—It has been already mentioned that there is a distinctly visible tendency among the Merats socially to assimilate with the orthodox followers of Islam, and to abandon their ancient customs common to them with their non-Mahomedan brethren. They have begun to adopt "Nikah" instead of the custom of "Phera" in their marriages; they have begun to keep their women secluded, and to intermarry with persons within degrees prohibited by the ancient customs. The tendency is without doubt destined to further development till the old customs fall into entire disuse. Among the Rawats of Todghur also the tendency to adopt the social rules of Brahmanism as prevailing among the surrounding Rajpoots is clearly discernible, though the assimilation has not gone so far in this case as in the other. In neither case are there any religious feelings concerned; the question is simply one of greater respectability. Under the influence of the headman of Todghur, the Rawats have this year entered into an agreement to abstain from the flesh of kine and buffaloes and to excommunicate all trans-

gressors. This year for the first time they took no part in the dismemberment of the buffalos sacrificed to Mata, leaving the work to be done by Bheels and Balahees. It is safe to predict that in course of time the whole of Mhairwarra will have become either Brahmanised or absorbed in the orthodox religion of Islam.

CHAPTER VI.

RAJPOOTS AND OTHER NOTeworthy FAMILIES.

125. The settlement operations have not been extended to the istumrar estates, but pedigree tables have been prepared of all the istumrardars of the district, and the connection between them and the devolution of the estates have now been for the first time clearly ascertained. It has consequently become easy to give a more complete account of these Chiefs than has been heretofore possible, and the object of the following Chapter is to explain how the estates have come to be subdivided, and to place on record for future reference the facts which are known about the several estates without any discussion on points which have been already settled by orders of Government.

126. The accompanying statement shows the names of the Chiefs who pay revenue direct to Government with the revenue they pay, and their estimated income, the latter being derived from the enquiries instituted by the Commissioner's Court under the Regulation for the relief of embarrassed Thakoors and Jaghiredars. The number of villages and the area of each estate according to the revenue survey of 1847-48, and the number of persons enjoying maintenance are also shown. The estates which are under the management of the Court of Wards have been measured by the Settlement Department, and the statement given in Appendix C shows the detailed area of those estates which have been measured in the recent khusra survey. It will be seen that there are 66 estates paying revenue to Government, and there are 27 istumrardars who do not pay revenue direct, but who hold on a fixed tenure and pay revenue to the head of the clan, which revenue is not liable to enhancement nor are the estates liable to resumption. In the district lists of estates paying revenue to Government 76 are mentioned. The estates of Aloi Bhimrawas and Deopoor Kacharia belong to the Thakoor of Mehron and are separately assessed. The Raja of Pisangun pays revenue separately for the village of Bhatsuri: the village of Undri is included in the Para estate. The assessment on the Bhinae estate includes the revenue of Surkhanda and Kacharia, which were resumed in 1836 and made over to the head of the clan as well as that of Piplia. The revenue of Mithana is included in the assessment of the Tantote estate, the assessment on Kiroi includes the revenue of Cadolai, and Jadana was originally distinct from Jethpoora. All these villages, however, now form integral portions of the larger estates to which they belong, and there is no object in keeping them separate.

127. Of the 66 estates, one belongs to a Gor Rajpoot, 58 belong to Rahtores, two belong to Sesodia Rajpoots, four belong to Chohan Meenas, and one belongs to a Charan. The revenue of the whole is Rupees 1,14,734-9-11, and the assessment of each estate is fixed in annas and pies.

Statement showing the area and revenue of the Istumrar Estates of Ajmere.

Name of Estate.	Tribe.	Name of Istumrar.	Number of Villages.	Total area in acres.	Estimated income.	Government revenue.	Number of persons enjoying main-tenance.	REMARKS.
1 Mancharpur	Gor	Thakoor Fath Sing	1	8,750	Rs. 4,000	Rs. a. p. 1,080 6 6	..	
2 Junia	Rahitore.	" Kalyan Sing	14	34,475	33,056	5,723 15 0	10	Junia, Ugaon, Meoda, Phorkia, Naiki, Amli, Naikhora, Dewalia, Bharui, Titari, Jalka, Khern, Baijangpur, Aminikabera, Ambapoor.
3 Lasaria	Ditto	" Amir Sing	1	1,729	640	249 0 0	..	Begla Kalahera.
4 Bogla, Kalahera.	Chitrans	Thakoor Mehtab Sing	2	2,103	3,000	285 0 0	..	
5 Karonj	Rahitore	Thakoor Man Sing	2	5,403	2,400	1,600 3 2	6	
6 Dewalia Khurd	Ditto	" Deo Sing	1	4,597	4,277	1,713 5 1	20	
7 Total, Junia family.			1	2,153	1,500	799 13 9	15	
8 Mehron	Ditto	Total, Junia family.	20	50,460	44,673	9,837 5 0	51	
9 Tiwaria	Ditto	Thakoor Kala Sing	8	22,585	15,708	5,359 8 1	8	Aloli Bhimrao pay Rs. 984-10-7.
10 Nimod	Ditto	" Chitrasi	1	2,774	2,100	1,293 4 10	12	Deopora Kachari pay Rs. 1,432-11-6.
11 Sankaria	Ditto	" Mod Sing	1	1,669	1,400	612 9 7	..	The remaining four villages are Mehron, Sudhari, Borwara, Dandri.
12 Kadhara	Ditto	" Dhokal Sing	1	3,836	1,700	407 0 0	5	
13 Total, Mehron family.		" Durjan Sal	1	5,841	10,255	1,914 7 9	6	
14 Pisingun	Ditto	Total, Mehron family.	12	36,705	31,163	9,316 14 3	31	The village of Bhatsuri is separately assessed at Rs. 164-6-0 and included, in area and revenue of Pisingun.
15 Khawaa, Sarvari	Ditto	Raja Pratap Sing	11	32,095	22,000	4,563 14 3	..	Other villages are Pisingun, Baghe- ra, Rampoor, Sarsari, Jethghur, Nadhi, Pratappoor, Hanwantpoora, Pashpoora, Baithawerpoora.
16 Prankara	Ditto	Thakoor Mehal Sing	12	10,086	6,000	1,937 13 9	7	The village of Jidri included in the
17 Para, Khawaa	Ditto	" Raghunath Sing	1	10,139	5,000	1,095 8 7	4	Para Estate is separately assessed
18 Kodah	Ditto	" Raghunath Sing	1	14,083	9,900	2,499 8 0	..	at Rs. 453-3-0 other villages are Para, Ugaon Khara, Mukra (Chaparisan, Ekal Surgha.
19 Sadara	Ditto	" Jawahir Sing	1	2,803	1,800	788 3 2	..	
20 Galgaon	Ditto	" Subh Sing	1	3,316	1,700	536 7 6	2	
21 Total, Pisingun family		" Arjan Sing	1	2,990	2,200	851 0 0	2	
22 Total, Pisingun family		Total, Pisingun family	24	82,031	51,700	19,663 8 11	15	

Statement showing the area and revenue of the Istumar Estate of Jimere—continued.

S. N. NO.	Name of Estate.	Tribe.	Name of Istumar dar.	Number of Villages.	Total area in acres.	Estimated income.	Government revenue.	Number of persons enjoying tenance.	REMARKS.
19	Govindghur Jaswantpoora	Rahero. Ditto	Thakoor Luchman Sing " Shum Sing Total, Govindghur family	1 1 2	10,362	{ 8,000 1,500	Rs. a. p. 2,418 4 0 "	14 " 14	
20	Kharwa Nason Bhawani Khara	Ditto Ditto Ditto	Thakoor Jaswant Sing " Nathan Sing " Bhagwant Sing	15 1 1	50,901 3,682 included in Kharwa.	29,000 2,500 1,000	2,318 10 0 " "	" " "	Kharwa, Chavunda, Khyria, Leeroo, Lambun, Piploj, Mohanpoor, Mahian, Amrghar, Kashi poora, Kodhial, Saru- na, Rutughur, Kurnos, Dhawaria. The Thakoor of Bhawanikhora and Deoghur do not go to Darbar.
21	Deoghur	Ditto	" Sheedan Sing Total, Kharwa family.	1 18	778 53,361	1,000 33,500	" 2,318 10 0	" 19	(The villages of Sakthand, Kacharia, and Pipila included in the Bhinao estate are separately assessed at Rs. 1,444-11-6, Rs. 418-0-10, and Rs. 1,199-9-7, respectively. Other villages are, Bhinao, Kumbhariya, Kitoa, Pileoda, Babka, Baria, Champaneri, Dhatal, Renschal Khurd, Sohail Kalan, Sobri, Tila- rachipiyaa, Chavunda, Ekul Singha, Dhani, Singhaurul, Chichundra, Khyria.
22	Mewaria	Ditto	Thakoor Jogi Dass	1	3,885	2,000	445 15 3	"	
23	Bhinao Sarano Sholian	Ditto Ditto Ditto	Raja Mangal Sing Thakoor Chandra Sing " Chiman Sing	23 1 1	79,674 6,502 2,714	53,474 3,500 1,000	7,717 7 11 680 0 0 455 8 0	" " 4	
24	Bandanwarra	Ditto	" Panjit Sing	9	34,845	25,535	5,306 5 0	"	Bandanwarra, Deoria, Paranga, Chund- ma Ratakhat, Goola, Karanli Sendra, Baria.
25	Amrghur Jotayan	Ditto Ditto	" Jaswant Sing " Bhim Sing	1 1	1,858 5,683	800 3,750	" 1,207 7 0	5 9	

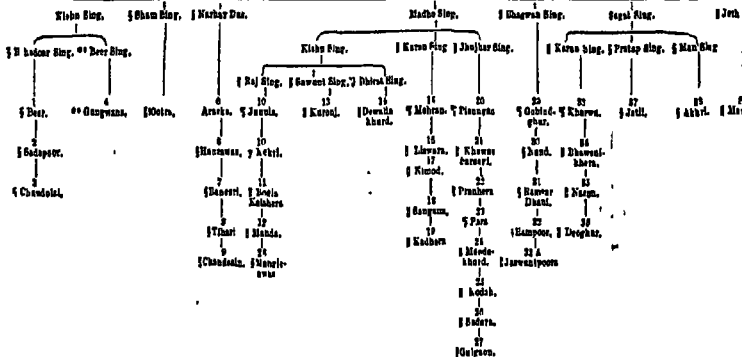
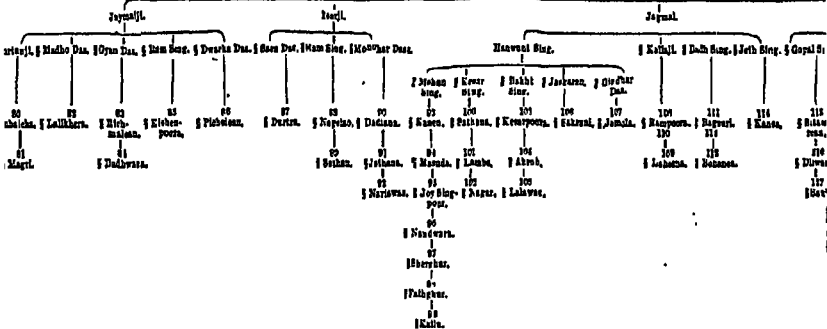
26	Padan	.	Ditto	.	Karan Sing	1	5,386	3,100	1,424	7	6	2	The village of Mithan included in the Tentoti estate is separately assessed at Rs. 193-0-2. The other villages are Tentoti and Sherghur.
27	Jaola	.	Ditto	.	Chandra Sing	1	4,624	3,000	1,429	5	5	3	
28	Kalyanpoora	.	Ditto	.	Bhopal Sing	1	2,571	1,700	483	4	0	4	
29	Tantoti	.	Ditto	.	Bhabat Sing	3	12,620	8,000	2,897	13	9	2	
30	Baozi	.	Ditto	.	Bhawani Sing	1	2,455	2,000	420	8	5	17	
	Total, Bhinne family.					43	159,162	1,06,049	21,342	3	9	46	
31	Dawalda	.	Ditto	.	Thakoor Hari Sing	5	18,415	18,000	3,380	2	0	3	Dawalda, Bagrai, Kheri, Langarab, Rhyne.
32	Arwar	.	Ditto	.	Bhum Sing	1	2,889	1,500	690	9	2	1	
33	Shokli	.	Ditto	.	Balwant Sing	1	1,253	1,300	257	10	8	1	
34	Shokli	.	Ditto	.	Mod Sing	1	5,028	4,025	1,365	9	3	1	
35	Regdonatghur	.	Ditto	.	Zalim Sing	1	2,653	1,900	652	7	1	2	
36	Gudhakalan	.	Ditto	.	Devi Sing	1	3,394	1,440	595	0	0	...	Bari, Piprol, Jhabrakia, Jhona, Hawalia, Gaunbar, Nimbar, Kan-dhara.
37	Barli	.	Ditto	.	Madho Sing	8	22,401	15,000	3,393	6	5	...	
38	Kanai Khurd	.	Ditto	.	Savant Sing	1	3,139	2,200	1,100	1	6	6	
39	Goela	.	Ditto	.	Sheodan Sing	1	6,963	2,200	2,138	9	0	21	
40	Deogon Baghona	.	Ditto	.	Kaln Sing	3	8,253	5,000	5,924	8	2	4	
41	Nandai	.	Ditto	.	Ram Sing	2	22,598	15,163	1,020	12	3	12	Deogon, Baghona, Nandai, Gudha, Khurd.
42	Richmaleon	.	Ditto	.	Chatru Sing	2	6,979	3,673	646	7	7	2	
43	Suhari	.	Ditto	.	Bijoy Sing	1	3,420	1,800	130	0	0	8	
44	Kybonia	.	Ditto	.	Isri Sing	1	2,669	1,000	1,486	1	2	7	
45	Kirot	.	Ditto	.	Savant Sing	2	5,239	6,700	1,351	15	0	4	
46	Kurthul	.	Ditto	.	Pratab Sing	3	8,660	7,000	855	0	5	11	The village of Kadolai included in the Kirot estate is separately assessed at Rs. 298-13-0. The other villages are Kirot and Nimbar.
47	Kanai Kalan	.	Ditto	.	Mangal Sing	1	3,967	2,200	273	2	4	...	
48	Jethpoora Jadana	.	Ditto	.	Shoo Sing	1	3,334	1,750	1,479	7	3	2	
49	Santula	.	Ditto	.	Davi Sing	2	6,332	4,800	701	6	9	...	
	Total, Dewalia family with Santola.					39	111,919	96,661	27,952	0	0	93	
50	Richmaleon	.	Ditto	.	Thakoor Chitra Sing	1	6,239	1,000	51	8	4	9	Masooda, Barol, Bari, Deopoor, Lorari, Ladhiana, Jalen, Hanwalia, Ramghur, Dewana, Jivana, Pithawas, Beghawas, Sandawas, Kanpoora, Kusalpoora, Utni, Balasa, Chandsiya, Khempoor, Kirwai, Harrojoora, Molan, Kirap, Mohkanpoora, Kalarai.
51	Sethan	.	Ditto	.	Bahn Sing	1	2,617	1,400	600	1	3	2	
52	Masooda	.	Ditto	.	Bahadoor Sing	26	98,773	70,000	9,555	6	0	...	
	Jaysigpoora	.	Ditto	.	Elad Sing	1	Included in Masooda.	1,200	281	0	0	...	
	Nandwana	.	Ditto	.	Balwant Sing	1	6,039	2,500	598	0	0	...	
	Sherghur	.	Ditto	.	Zoravar Singh	1	5,614	6,700	640	0	0	10	
	Fathghur	.	Ditto	.	Bhum Singh	1	1,256	1,900	275	0	0	...	
	Kaila	.	Ditto	.	Protab Sing	1	2,450	1,000	175	0	0	...	

Statement showing the area and revenue of the Istumar Estates of Ajmere—concluded.

Serial Number	Name of Estate.	Tribe.	Name of Istumardar.	Number of Villages.	Total area in acres.	Estimated income.	Government revenue.	Number of persons employing main tenance.	REMARKS.
						Rs.	Rs. a. p.		
	Kearpooora	Bahrore.	Thakoor Fath Sing	1	Included in Massooda.	600	24 0 0	...	
	Akrol	Ditto.	" Hanwant Sing	1	1,545	800	284 0 0	...	
	Lalawas	Ditto.	" Neeh Sing	1	908	600	...	14	
	Jamela	Ditto.	" Jeth Sing	1	6,288	3,000	659 0 0	11	
	Sheepoori	Jogi	Lucchman Rawul and others.	1	2,560	2,000	159 0 0	...	
	Asan	Ditto.	Joocha Rawul and others	1	Included in Massooda.	1,600	715 0 0	...	
					11,212	7,000	1,397 3 0	14	
53	Sathana	Bahrore.	Thakoor Sadul Sing	1	2,530	1,812	413 14 0	9	
54	Lamba	Ditto.	" Chakra Sal	1	2,573	2,400	422 1 7	9	
55	Nagar	Ditto.	" Dhirat Sing	1	6,265	3,000	1,082 12 0	13	
56	Sakrani	Ditto.	" Uday Sing	1					
			Total, Massooda Family	41	143,053	1,06,112	12,021 4 7	80	
57	Baghauri	Ditto.	Thakoor Nahar Singh.	1	10,508	9,000	1,410 4 8	28	
58	Bobawa	Ditto.	Thakoor Raghunath Singh and Balwant Sing.	1	4,619	3,500	663 0 0	5	
			Total, Baghauri Family	2	15,127	12,500	2,073 4 8	33	
59	Karel.	Ditto.	Phul Sing, Saman Sing, and others.	1	7,843	8,000	2,132 15 2	...	

Sawar, Shokiyar, Godwan, Chikla,
Ancli, Kusathu, Pipin, Chhattapoor,
Padla, Khijdi, Kalora, Sunderpoor,
Ghattiali, Baji, Muzhi Rajpoora,
Nimochera, Gothra, Girwarpoora,
Chitivas, Deoli.

60	Sawar Deckerherl Bassundul Chand Thali Chazala Tunkawas Mohron Khurd Bhandawas	Seodia Ditto Ditto Ditto Ditto Ditto Chauras Ditto	Thakoor Nathu Singh " Dhokal Singh " Kishn Singh " Karan Singh " Chitra Singh " Harnath Singh Molatab Singh and others Raghudan, Prabhudan, and others. Thakoor Ram Singh	21 1 1 1 1 1 1 1	61,443 1,080 2,168 813 2,075 2,191 318 1,452 4,054	32,000 400 1,600 700 1,100 800 600 800 7,040	7,315 3 0 Service. 213 0 0 Service. 176 0 0 Service. 85 0 0 81 0 0 262 0 0	...	...
61	Piplaj	Seodia	Thakoor Ram Singh	1	4,054	7,040	262 0 0	...	...
62	Rajasi	Chachna- mina.	Shamsheer Khan	1	10,645	2,600	1,386 2 0	...	...
63	Nannar	Ditto	Dand Khan and others	1	1,175	800	165 1 0	...	...
64	Kweekri	Ditto	Jodha Akha, and others	1	4,497	1,200	212 15 6	...	...
65	Ajayan	Ditto	Rupa Khumma and others.	1	2,213	500	202 15 0	...	...
			Total, Channhan Meenas	4	18,520	5,100	1,907 1 6	...	...
66	Kotri	Charan	Chutturbujh and others	1	800	800	123 6 9	...	...
			Total, Gor Rajpoos	1	3,750	4,000	1,050 6 6	...	...
			Total, Raktors	205	719,849	5,01,258	1,01,176 3 2	353	...
			Total, Seodia	29	76,604	45,040	7,477 8 0	...	...
			Total, Channhan Meena	4	18,520	5,100	1,907 1 6	...	...
			Total, Charan	1	800	800	123 6 9	...	...
			Grand Total, Istumrar	240	819,523	5,59,198	1,14,734 9 11	...	...

[illegible]

[illegible]

8 Deoghar.

36

11 Nason.

33

11 Bhawan-
khora.

34

1-7 Kharwa.

33

1 Karan Singh.

ling.

This anomaly had its origin in the time of Mr. Wilder, who commuted the amount payable in Srishahi Rupees to an equivalent sum in Farukhabad Rupees by allowing a reduction of 9 per cent., the difference between the value of the two coinages in 1818, and since that year the revenue of the estates has remained unchanged. The Thakoor of 14 out of the 66 estates are known by the name of "Tazimi," or entitled to precedence. In order of precedence these are, the Raja of Bhinae, the Thakoor of Sawar, the Thakoor of Masooda, the Raja of Pisangun, the Thakoor of Junia, the Thakoor of Deolia, the Thakoor of Khurwah, the Thakoor of Bandanwara, the Thakoor of Mehron, the Thakoor of Para, the Thakoor of Deogaon Baghera, the Thakoor of Govindghur, the Thakoor of Tontote, the Thakoor of Barlee. The real heads of clans, however, as will afterwards be apparent, are only five in number :—The Raja of Bhinae, the Thakoor of Sawar, the Thakoor of Massooda, the Raja of Pisangun, and the Thakoor of Khurwah.

128. The Sunnuds on which the istumrar estates were held had been lost before the commencement of British rule; but the original estates were only 12 in number, and are Manoharpoor, Pisangun, Govindghur, Khurwah, Mewaria, Bhinae, Richmalian, Setha, Massooda, Baghsuree, Karel, and Sawar. The villages held by the Chohan Meenas became istumrar only by an accident. These 12 estates were nearly all grants on service tenures for life by the Emperors, but became hereditary; and the origin of the remaining 54 talookas is to be sought for in the sub-divisions of the original estates of the operation of the law of inheritance. Originally all brothers were considered to have a share in the parental inheritance, though the eldest son, called Patwee, was generally considered to be entitled to a larger share than his younger brothers. It was in the earlier times that most of the 54 talookas which pay revenue direct had their origin. As the estates became smaller the system of giving grants of one village was introduced. These grants are called "gras" and the 27 sub-talookdars, who are Rajpoots, are holders under a "gras" tenure. It was evident, however, that if an estate was to be kept up at all there must be a limit to subdivision, and in the third stage of the history of inheritance the estate ceased to be further subdivided, and the provision for the younger sons was limited to the grant of a well and a few beeghas of land for life. This is the stage which has now been reached, and the custom of primogeniture obtains in all the talookas though some provision for younger brothers is considered imperative on the successor to the Pat or guddee.

129. The istumrardars have always claimed to be owners of the soil, and their claim has been recognized. Mr. Cavendish's enquiries extended to 296 villages, and in 158 villages the Thakoors disclaimed the right of ouster of cultivators from irrigated and improved land, when the means of irrigation or the improvement had been provided by the labour or expense of the cultivator. It was generally admitted that such land could not be mortgaged or sold, but the istumrardars allowed that the cultivators had the right of re-entry on their land on their return to the village within a reasonable time. In 161 villages there were hereditary cultivators whose rights were the same as those of the owners of wells. Unirrigated and unimproved land was universally admitted to be held on a tenure at will from the istumrardar. Mr. Cavendish recommended the

extension of the principle thus admitted by most of the Thakoors as to the rights of owners of wells to the estates of those Thakoors who had boldly claimed the right of ouster from all land. The principle that those who have expended capital on the improvement of the soil acquire thereby a right in it is perfectly in unison with the land system of the country, and if ever a further enquiry be made into the rights of individual cultivators and a record prepared, this principle must form the basis of adjudication on the subject.

130. *Chohan*.—Rajpoots are returned in the census papers of 1872 at 13,981, of whom 314 belong to Mhairwarra. It is a curious fact illustrative of the great vicissitudes of early times, that though Ajmere was held for over a thousand years by Chohans, they are not now to be met with in the district except in one holding in the pergunnah of Sawar. They must be looked for in Haravati and in the desert of Nagor Parkhar whither they have been pushed by the Rahtores, who have occupied their place, as the ruling tribe and who, in numbers, wealth, and power, greatly preponderate over the other Rajpoot clans, who hold land in the district. These are three in number: Gor, Sesodia, and Kachwaha; and it will be convenient to consider the Rajpoot clans in the order of their arrival in the province, for a definite period can be fixed for the arrival of each.

131. *Gor*.—In the time of Prithvi Raj Chohan, Raja Bachraj, and Raja Bawan, Gor Rajpoots from Bengal came to Ajmere on the customary pilgrimage to Dwarka. Prithvi Raj engaged the brothers in an expedition against Daya Sing of Nagor which was successful, and subsequently each of them married a daughter of Prithvi Raj. Raja Bawan settled at Kuchaman in Marwar, Raja Bachraj remained in Ajmere. In course of time Junia, Sarwar, Deolia, and the adjacent country fell into the hands of the Gor Rajpoots, and to the head of the clan Hunayun gave a mansab of 7,000. In the time of Akbar, Raja Bithal Dass founded the town of Rajghur and called it after the name of his grandson, Raj Sing. The son of the latter took Srinuggur from the Powar Rajpoots who have now disappeared from the district. The Rajghur family was at this time by far the most powerful in the district; but they had reached the climax of their prosperity, and soon afterwards they were ejected from Rajghur, and all their territory by Kishn Sing Rahtore. After 25 years of dispossession, Gopal Sing recovered Rajghur, and the Gors were in possession of that town when the country fell into the hands of the Mahrattas. The Mahrattas in 1817 resumed Rajghur, and the twelve villages attached to it, as the Raja was unable to pay a contribution of Rupees 10,000 Fouj Khuroh. On the establishment of British rule, these villages were returned on the condition of payment of nuzzerana, but as the nuzzerana was not or could not be paid, the whole was resumed with the exception of one small village Kotaj and until the present year remained khalsa. In March 1874 the town of Rajghur was presented in jaghire to Raja Devi Sing, the representative of this ancient but fallen house, and the graceful generosity of Government has been thoroughly appreciated by all classes of the community. The Gor Rajpoots now hold land in 14 villages, but only one Istumrar Estate, that of Manoharpoor, belongs to a Gor Rajpoot. The descendants of Raja Bithal Dass are Jaghiredars of Rajghur and

Kotaj and Bhoomias in Daunta and Jatia. The descendants of Balam, a younger brother of Bithal Dass, are the istumrardars of Manoharpur, and the Bhoomias of Sanod, Nanla, Nearan, Lavera, Dudiana, and Jharwara. Four generations ago the Thakoor of Junia seized on the Manoharpur Estate, in the same manner as other Rahtores seized on the Gor possessions in the pergunnah of Kekree. The dispossessed Thakoor, however, found aid from the Raja of Kishenghur who caused him to be restored to his estate. The village of Nearan was originally held on Talookdaree tenure, but it was not accepted as an istumrar estate on the establishment of British rule. The descendants of Raja Bawan are jaghiredars of the village of Arjunpoora jaghire, are owners and Bhoomias in Arjunpoora khalsa, and hold bhoom in Tabijee which like Nearan was originally held on talookdaree tenure.

132. *Rahtore*.—The accompanying genealogical tree is an abridgment of the genealogical tree of the Rahtores of Ajmere, and shows the descent of each of the holders of each bhoom and istumrar tenure. It will be observed that they all claim descent from Seojee, the founder of the Marwar monarchy; and five Kings of Marwar are the progenitors of all the Rahtores of Ajmere. Of these five, however, two, Binmal and Chandaji, are comparatively unimportant, as their descendants only have three bhoom holdings. The three great ancestors of the Ajmere Rahtores are, Ooday Sing, called Mota Raja, the son of Maldeo and the friend of Akbar, to whom his sister Jodha Bai was married, Chandra Sen, the fourth son of Maldeo, who was the favourite son of his father, and who for many years, resisted Akbar and steadily refused to acknowledge the supremacy of the Empire, and Dudajee, the son of Jodha, who founded Jodhpur, and transferred to it the seat of Government from Mandor. The history of Marwar may be read in Colonel Tod's Annals of Rajasthan and it is unnecessary to repeat it here. I propose therefore to begin with the descendants of Uday Sing and to explain as briefly as possible how each of the present families obtained possession of their estates; thence to pass to those of Chandra Sen; thence to those of Dudaji; and finally to conclude with the descendants of Binmal and Chandaji, respectively, 10th and 12th in descent from Seojee. The numbers above the name of each estate refer to the number of the family in the detailed genealogical tree of the Rahtores.

133. *Kishenghur Bhoom*.—The first estate is a bhoom holding belonging to the Maharaja of Kishenghur. It is in the jaghire village of Bir, and was given by the Khadims of the Durgah for the protection of the village at the time when Bahadoor Sing of Kishenghur held a farm of Ajmere from the Mahrattas. The bhoom consists of 153 acres and the Maharaja keeps some men in the village for watch and ward. The bhoom holdings in Sadapoor and Chandolai are held, the former by Himmat Sing, a relation of the Maharaja of Kishenghur, and the latter by the Thakoor of Fathghur, the recently insubordinate dependant of that State. In these three bhooms the custom of primogeniture prevails.

134. *Gangwana Jaghire*.—Baj Sing, fourth in descent from Uday Marwar, had five sons, three of whom inherited. Beer Sing got Karkeri equal to Rupees 60,000, and Sawant Sing and Sing divided the rest of the property equally. Sawant Sing abode at Rupnagar, Bahadoor Sing, the ancestor of the present

Maharaja of Kishenghur, at Kishenghur. The son of Sawant Sing, Sirdar Sing, died childless, but he enjoined that Ameer Sing, son of Beer Sing, should succeed him. On the death of Sirdar Sing, however, Bahadoor Sing refused to recognize the adoption of Ameer Sing and himself seized upon Rupnagar, which has since remained a portion of the Kishenghur territory. With the help of the Maharaja of Jodhpoor, however, Beer Sing and Ameer Sing, for a short time, obtained possession, but Bahadoor Sing applied to Holkar, and by the bribe it is stated of a lakh of Rupees, procured the expulsion of Ameer Sing from Rupnagar and of Beer Sing from all his property, with the exception of Ralaota to which he had succeeded on the mother's side. Beer Sing joined the Marhattas and distinguished himself in the battle of Panipat, where he was killed. In recognition of their father's worth, Madoji Sindia gave six villages in jaghire to Ameer Sing and Suraj Sing, *viz.*, Sarana, Magri, Ararka, Gangwana, Untra, Magra. By a subsequent arrangement Ameer Sing obtained the first three: Suraj Sing obtained Gangwana, Untra, and Magra, Ameer Sing took service in Jeypoor, and Sindia confiscated his villages, which have since been khalsa. Suraj Sing had three sons, to the eldest Jaswant Sing he gave Ralaota, and the descendants of the two younger sons, Arjan Sing and Sher Sing, are now jaghiredars of Gangwana, Untra, and Magra.

135. *Pisangun, Junia, and Mehron.*—Kesree Sing, the son of Madho Sing, the fifth son of Uday Sing of Marwar, came to seek his fortune in Ajmere, and by the favour of the Emperor Shah Jehan, ejected the Puar Rajpoots from Pisangun and obtained a grant of the fief. His son, Sujan Sing, further extended the property by taking Junia, from the Gor Rajpoots and Moren from the Sesodians. On his death the property was divided among his three sons. The youngest son obtained Pisangun, because, as is stated, he had avenged the death of his uncle Bhim Sing, on Gudar Khan of Shamghur. The eldest son obtained Junia, and the second son obtained Mehron. The subsequent divisions in each estate will be best understood by the following Genealogical Table:—

MADHO SING.

Keri Sing.
(obtained Pissangun).Sujan Sing.
(obtained Junia and Mehran).Kleha Sing.
(Jaula).Raj Sing. Sawant Sing. Dhirat Sing.
(Katrui). (Dowalla Khurd).

Shoo Sing.

Bakht Sing. Dolel Sing. Daryun Sing.
(Bogia Kalahera). (Manda).Karan Sing.
(Mehron).

Nahar Sing.

Abhay Sing. Mahabbat Sing. Bahadoor Sing. Jay Sing. Zalim Sing.
(Mehron). (Tiwaria). (Nimod). (Sankaria). (Kadhara).Fath Sing.
(Pissangun).

Simbha Sing. Guman Sing.

Zalim Sing.

Bakht Sing.

Natha Sing. Kalyan Sing.
(Pissangun). (Khawar, Sarari, Pannahra).Sher Sing. Bakht Sing. Ranjit Sing.
(Kodah).

Su'a Sing. Indra Sing.

Sumer Sing. Biri Sal.
(Pann). (Moodahura in A. D. 1838).Jadhui Sing.
(Pissangun).Dori Sing.
(Sadara).Ram Sing. Dolel Sing.
(Sadara). (Gulgaon).

136. The town of Junia is an old one, the fort was built by the Gor Rajpoots. The Thakoor of Junia is hereditary Bhoomia of the town of Kekree where he holds 1,500 acres and keeps up an establishment of watchmen. The Thakoor of Manda pays revenue to him, and the village of Lasaria has been granted in Jaghire to the Charans who pay a fixed quit-rent and the village is not resumable. Mr. Cavendish has recorded that land held on "milk" tenure, can be sold, if not given to temples or for religious purposes. The istumrardar admitted that the holders of irrigated land could not be ousted as long as they paid their revenue and regained possession whenever they returned to the village. There are hereditary cultivators in all villages. The Talookdar claimed the right to increase the grain rents up to one-half the produce, but admitted that he had no right to increase the "Zabti" or money rates.

137. Four estates were divided off from Mehron in "gras" tenure in the second generation. In the year 1811 A.D. Thakoor Lal Sing of Kadhera, who complained that his "gras" was too small, made a night attack upon the fort of Mehron. Jagat Sing, the Thakoor of Mehron, he treacherously murdered after having promised him safety, and caused his son, Bharat Sing, to be hurled from the battlements. He then made himself master of Mehron, but was forced to give it up and to return to Kadhera by the Sesodia Raja of Shahpoora who marched against him. The widow of Bharat Sing was placed in possession of the estate and remained in possession till 1842. She adopted Jowahir Sing, but on the death of the latter without heirs, his cousin, Kalu Sing, succeeded in 1867. The village of Kadolai was originally a portion of Mehron, and was given on a service tenure to Gaj Sing, Thakoor of Kiroi, on condition that he should do service with two horses and two footmen, and should pay nuzzerana. The Thakoor of Kiroi, however, gradually ceased to do service till on the murder of Jagat Sing the village was merged in the Kiroi Estate.

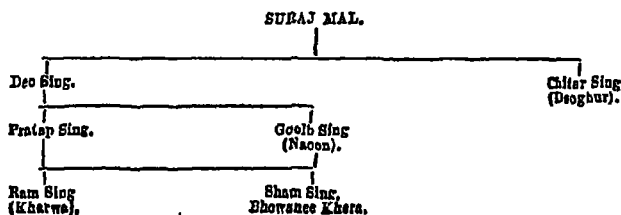
138. The Pisangun estate, which fell to the share of Jhujhar Sing, included Pisangun, Khawas, Sarsari, Pranhera, Para, Meoda Khurd, Kodah, Sadara, and Gulgaon. In the year 1785 A.D. a large balance of revenue was due from Kalyan Sing of Pranhera, and Pranhera and Sarsari were attached and made over to Nathu Sing, who held for six years till Kalyan Sing paid the arrear. Nathu Sing had two brothers, Sadul Sing and Bagh Sing, by another mother, to whom he and his successor, Man Sing, refused to give any "gras," but eventually Kalyan Sing gave them Sarsari and agreed to pay Rupees 300 of the Government revenue. About this time there was a conspiracy of the Pisangun Thakoors, and they imprisoned the Mahratta Subadar in Kalyan Sing's fort. For this a fine of Rupees 18,000 was exacted, and the greater part of the fine was paid by a mortgage of Khawas to Bagh Sing. Bagh Sing had no heirs and was succeeded by his brother, Sadul Sing, and Khawas Sarsari has since been a separate estate. The Thakoor of Para sits in the front row at Durbars, and the Thakoors of Kodah and Meoda Khurd sit behind him. The estate of Meoda Khurd is the last example in the district of a village having been given in "gras," and its separation from Para dates from the year 1823. Sham Sing added the villages of Ekal Singha and Chaparean to his inherited property, and his son, Guman Sing, acquired Naulakha from the Manawat Rajpoots. The heirs of Runjeet Sing and Indra Sing obtained

no "gras" and are cultivators in Para. Devi Sing, the third son of Jhujhar Sing, obtained Sadara and Gulgaon. He had four sons, the eldest obtained Sadara, and Daler Sing, the second son, got possession of the whole of Gulgaon and only gave his younger brothers maintenance. The present Thakoor, Arjun Sing, takes Rupee 1 per beegah in Chahi land, and quarter share of the produce in other land from those who hold land for maintenance.

The Thakoor of Pisangan has obtained the title of Raja from the Maharaja of Jodhpoor, but the title is not recognized in Durlar. There are no jaghire estates in Pisangan, and Mr. Cavendish has recorded that the Raja claims the sole proprietary right in all villages and the right of ouster from all kinds of land. The people denied the right as regards improved land.

139. *Govindghur*.—The Thakoor of Govindghur is a descendant of Govind Dass, a grandson of Mota Raja, who founded the fort at Govindghur. The estate is a small one, consisting only of one Ashi and three Dakhilee villages. One Dakhilee village, Jaswantpoora, has been given in "gras," and the Thakoor of Govindghur gives maintenance to 14 persons. The family is a large one, and the estate was small, and the younger members of the family became Bhoomias. When Abhay Sing, who had been appointed Viceroy of Ajmere and Guzerat, fought with Sarbuland Khan in Guzerat, Himmat Sing, a great-grandson of Govind Dass, joined the expedition with his three sons, one of whom, Daler Sing, was killed in battle. Abhay Sing on his return gave a bhoom holding of 1,331 acres in Nand to Himmat Sing and his surviving sons; and on the death of Himmat Sing the property was divided by ancestral shares. At present there are eleven sharers. The village of Ramner Dhani was given in jaghire to Bheem Sing, a grandson of Govind Dass, by Shah Jehan. The revenue-free tenure was resumed by Aurangzeb, and the village given on a quit-rent of Rupees 1,500. This tenure the Mahrattas resumed, but left 2,000 beegahs as bhoom. In this holding the right of primogeniture is recognized, and the present head of the family, Bijay Sing, gives maintenance to 22 persons. The bhoom holding in Rampoor was obtained by Askaran, also a grandson of Govind Dass. Sheodan Sing, Goolah Sing, and three widows are at present in possession.

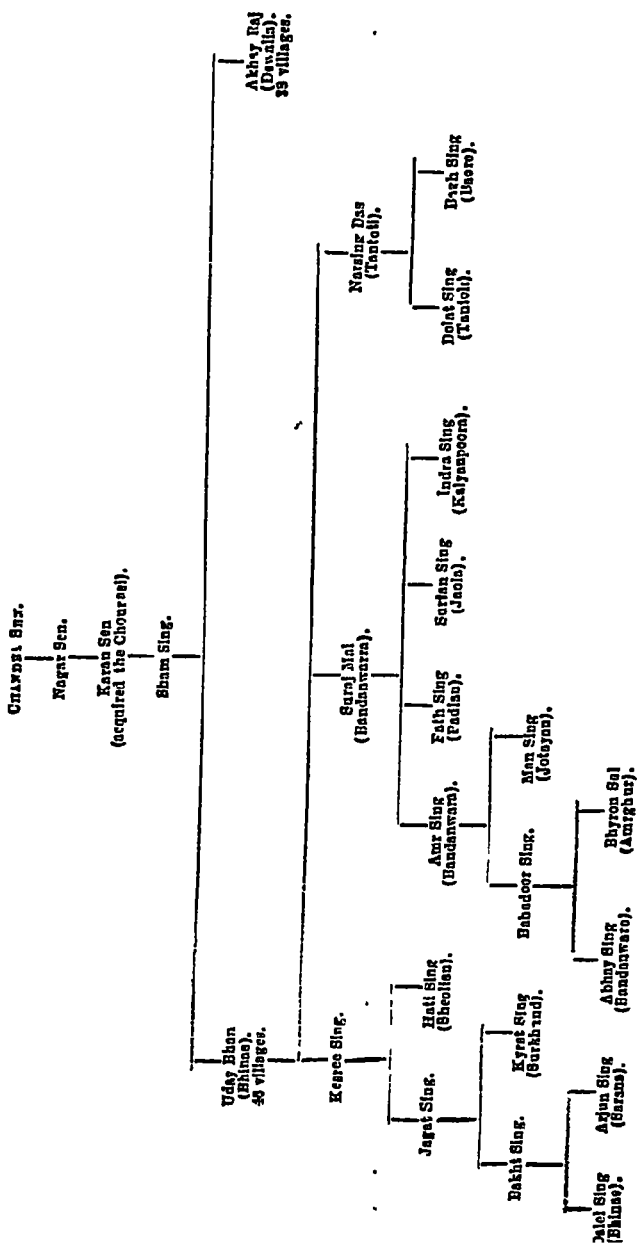
140. *Kharwa*.—The pergunnah of Kharwa was khalsi in the time of Akbar, and the tradition is that Sakht Sing, a son of Mota Raja, saved Akbar from drowning and thus obtained the jaghire. For seven generations the estate was undivided, but in the 8th generation the estate of Deoghur was separated, and there are now three sub-talookas paying revenue to Kharwa. The following Table will explain the divisions of the estate:—



One village is held on istumrar tenure by Charans and is not resumable. They pay yearly Rupees 65. The pergunnah of Kharwa was formerly much exposed to the depredations of the Mhairs, and 19 of the 37 villages of which it nominally consisted were made over to Captain Hall when the district of Mhairwarra was established. The present Thakoor, the son of Ram Sing, is one of the most prosperous in the district. There are two bhoom holdings, those of Jatlee and Akhree belonging to this family.

141. *Mewaria*.—The Thakoor of Mewaria is a descendant of the youngest son of Mota Raja. Ram Sing, the great-grandson of Jeth Sing, is said to have founded this village in the waste. The estate descends to the eldest son, but the Thakoor has 19 relations, who hold land and are considered Bhoomias, the land which had originally been given for maintenance being considered bhoom.

142. *Chourasi of Bhinae*.—We now come to the second great division of the Rahtores, those descended from Chandra Sen, the brother of Mota Raja, and the fourth son of Maldeo. Karan Sen, the grandson of Chandra Sen, so the story runs, came to Ajmere, and having intoxicated the Bheels, who then held the pergunnah of Bhinae, he slew their Chief, Madla, and received in jaghire from Akbar the pergunnah of Bhinae with seven other pergunnahs, but what these other seven pergunnahs were is not known. Bhinae was considered a Chourasi or estate of 84 villages. Sham Sing, the son of Karan Sing, had two sons, and the estate was divided between them, the eldest son taking Bhinae and 46 villages, the younger taking Dewalia with 38 villages. It would thus appear that the rule which in division of a property allows the eldest son a larger share than his brother was observed. The following table will make clear the subsequent division of the Bhinae Estate. The divisions of the Dewalia Estate will be afterwards explained.



143. *Bhinae*.—The Raja of Bhinae has precedence before all the other Thakoor in the district. His income was estimated by Mr. Cavendish at Rupees 35,000, and is now over Rupees 50,000. Besides the estate of Bhinae and the village of Piplia he holds and pays revenue for the villages of Surkhand and Kacharia, estates which in the year 1836 were resumed owing to the inability of the Thakoor to discharge the Government revenue, and which were made over to the head of the clan. Mr. Cavendish has recorded that though the Raja claims the proprietary right in the soil, yet he cannot oust the cultivators of Chahi, Talabi, and manured land, and whenever these return to their villages they regain possession of these kinds of land. The Thakoor of Sarana pays revenue to the Raja of Bhinae, and is the Bhoomia of the jughire village of Kesurpoora adjoining his estate. By an old arrangement he takes one-fourth of the revenue of the village from the Jaghiredar, Nawab Abdool Karim Khan. Thakoor Chiman Sing of Sholian is the owner of an estate which formerly paid a revenue of Rupees 815, though the present assets of the Thakoor are estimated only at Rupees 1,000. In the time of Mr. Cavendish, the Thakoor having failed to obtain relief at either Ajmere or Calcutta, resigned his talooka. The estate was farmed for three years at the amount of the fixed revenue, but the farmer was unable to discharge his obligations and ran away. The Thakoor again tried but was unsuccessful. Finally in 1836 the revenue was reduced to Rupees 622-8-0 and on the abolition of Fouj khurch to Rupees 455-8-0.

144. *Bandanwara*.—Suraj Mal, the ancestor of the Thakoor of Bandanwara, was dissatisfied with the amount of his "gras" and went to Delhi to complain. Here he was favourably received; he obtained a mansab of Rupees 1,000, and orders were issued to give him the towns of Ramsar and Srinuggur in jughire. When Ajit Sing of Marwar obtained Ajmere, the Thakoor failed to present himself, and the Maharaja resumed Srinuggur and Ramsar and demolished the fort. The present Thakoor, Runjit Sing, has no immediate relations, and was himself adopted from the Kalyanpoora family. The revenue of Bandanwara includes that of Amrghur, the remaining subdivisions of Bandanwara pay revenue direct to Government.

Narsing Dass, the ancestor of the istumrardar of Tantoti, was an adopted son of Uday Bhan, to whom Kesri Sing and Suraj Mal were afterwards born. Narsing Das obtained Tantoti, Sherghur, and Baori; and on his death Baori fell to the share of his second son. The Thakoor of Tantoti has a masonry fort in Sherghur.

145. *Dewalia*.—The second son of Sham Sing, Akhay Raj obtained by division 38 villages of the Chourasi of Bhinae, and founded the Dewalia family, which has spread into a number of branches, as may be most easily seen by the following genealogical arrangement:—

three villages, Jethpura, Jadana, and Kacharia, and they were divided among his three sons. The eldest, Ajab Sing, died without heirs, and the Thakoor of Jadana succeeded to and holds both Jethpura and Jadana. The village of Kacharia was with Surkband made over to the Raj of Bhinae on account of arrears of revenue, and the descendants of Doulat Sing, as well as those of the Thakoor of Surkband, are now cultivators in their respective villages.

149. The estate of Santolah was separated from Bhinae by Karan Sen and given to Girdhar Sing, his brother. This estate is mortgaged for Rupees 5,000 to the Maharaja of Kishengbur, who is still in possession. The Thakoor Mod Sing has a seat in Durbar behind the Raja of Bhinae. The bhoom holdings of Dabrola, Dhigaria, Samprada, and Rignot descend by ancestral shares and are held by the descendants of the younger sons of Karan Sen.

150. The third great division of the Ajmere Rahtores are the descendants of Dudaji, the son of Jodha, Raja of Marwar; and among them the principal is the Thakoor of Massooda. Dudaji had five grandsons. The descendants of the eldest, Jaymalji, are the Thakoor of Richmalian and the Bhoomias of six villages. The second son, Isarji, is the progenitor of the Thakoor of Seltran and of five families of Bhoomias. The third son, Jagmal, is the ancestor of the Massooda house and its branches and of four families of Bhoomias: the descendants of the fourth son, Chaudaji, are the istumardars of Karel, and 32 families of Bhoomias. Har Singji, the youngest, is the progenitor of four families of Bhoomias.

151. *Richmalian and Sethran*.—It is not known how Gyan Dass obtained possession of Richmalian, probably in the same way as Sur Sing became talookdar of Sethran by founding a village in the waste. The younger branches of the Richmalian family hold four wells in that estate on bhoom tenure and are called Bhoomias.

152. *Massooda*.—The pergunnah of Massooda is said to have derived its name from Masud Ghazi, a son of Salar Sahu, who in the time of Sultan Mahomed founded a town and called it after the name of his son. This account is not verified in any of the historical authorities. The pergunnah was given in jaghiro tenure by Akbar to Hanwant Sing and his brothers, who expelled the Powar Rajpoots, who had attacked the imperial thanna. On the return of

Baghsuri.

Hanwant Sing after obtaining the grant from Akbar he saw a tiger and a pig fighting at the place now called Baghsuri. The augurers said that a fort built on this spot would be invincible, and Ladh Sing, the younger brother of Hanwant Sing, built a fort which became a separate estate. Man Sing and Sheodan Sing, the sons of Ladh Sing, obtained Bobania in "gras" and the Thakoors Raghunath Sing and Balwant Sing have seats in Durbar behind the Thakoor of Baghsuri. The three younger sons of Ladh Sing, Bhoop Sing, Guman Sing, and Chand Sing obtained no gras, but hold land for maintenance in Baneoria, and their descendants pay each Rupees 80 yearly to the Baghsuri Thakoor.

153. The Massooda estate was not divided till the death of Ajab Sing, the great-grandson of Hanwant Sing. The divisions which have taken place will be best understood by the following table:—

The estates of Sathana, Lamba, Nagar, and Sakrani pay revenue direct to Government, the remaining Thakoors pay revenue to the Massooda estate. The estate of Massooda is the largest and richest in the district. Mr. Cavendish has recorded that four villages have been granted to Charans and Jogis, of these three pay a fixed quit rent, and one is not charged with any tax. Lachman Rawal of Sheopoori and Jodha Rawal of Asau appear in Durbar.

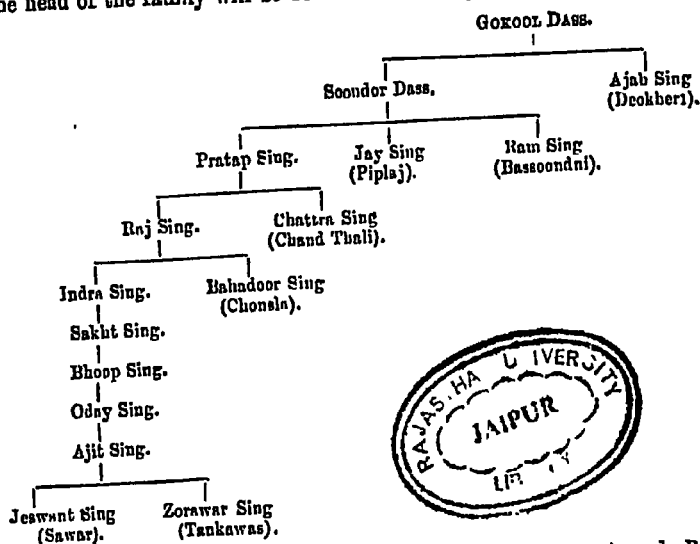
154. *Karel*.—The estate of Karel stands alone among the Rajpoot istumrar estates; as in it the property descends by ancestral shares and not by the custom of primogeniture. Kishen Sing, the younger son of Choudaji, expelled the Karel Mhairs and possessed himself of the village. The canoongoes in the time of Mr. Cavendish stated that the village was Khalsa, but it had paid a fixed revenue under the Emperors and was included in the istumrar. The revenue, Rupees 2,132-15-2, is assessed on 51 wells, though now there are many more in the village. The two chief men of Karel are Samau Sing and Phul Sing, who also are Bhoomias of Kanas and Naidla, and these two attend Durbars. Recently a petition has been given by several of the Karel istumrardars to have the village measured, and when this has been done, it will be possible to determine the rights of the very numerous descendants of Kishen Sing. The younger sons of Kishen Sing became Bhoomias in the Pooshkur pergunnah.

155. *Descendants of Rimnal and Choudaji*.—The descendants of Akbay Raj, the son of Rimnal, are Bhoomias in Khodan and Bobani, and the descendants of Parasram, younger son of Choudaji, are Bhoomias in Mogri.

156. *Sesodia*.—The pergunnah of Sawar at the south-eastern extremity of the Ajmere District is held on istumrar tenure by Sesodia Rajpoots, and the estate is a portion of a grant made by Jehangir to Gokool Dass, who is said to have received 84 wounds in the service of the Emperor at Benares. The pergunnah of Phoolia was originally part of the Khalsa of Ajmere, and was given in jaghire by Shah Jehan to the Raja of Shahpoora, a scion of the Royal House of Meywar. For many years the Superintendents of Ajmere exercised an interference in the affairs of this pergunnah, but in 1847 it was permanently assessed at Rupees 10,000, and the Raja of Shahpoora is no longer reckoned among the istumrardars of Ajmere. He is considered a tributary Prince, and is independent in his territory. There is a family of Sesodias who are Bhoomias in Nepoli. Besides these there are no other Sesodias in the district.

157. *Sawar*.—The estate of Sawar is the only one in the district in which the orders of Government, under date the 15th May 1830, in which it was decided that the revenue paid by the Talookdars should be increased to one-half the assets of the estate, have been carried out. On the death of Thakoor Jeswant Sing, on the 13th April 1856, Madho Sing succeeded by adoption, and, with the sanction of Government, Colonel Dixon enhanced the revenue from Rupees 2,012-12-0 to Rupees 8,000 exclusive of cesses. Major Lloyd, on the 20th February 1860, reported the arrangements he had made for the distribution of

the increased sum among the sub-talookdars whose relationship with the head of the family will be best understood by a genealogical tree—



Of these estates Piplaj pays revenue direct to Government, and Bassoondni and Chonsla pay revenue to the Thakoor of Sawar. The other estates pay no revenue, but are held on a service tenure. Besides these estates the villages of Mehron, Khurd, and Bhaodawas with Rajpooora are held by Charans and pay revenue to Sawar. The revenue of all is fixed except that of Piplaj which will pay Rupees 1,202-10-0, instead of Rupees 262 on the death of the present incumbent. The village of Chattapooora is held by Amra Chohan, who does service with four horse-men and four foot-soldiers.

158. *Chohan Mernas*.—The villages of Rajaosi, Nansar, Karekri, and Ajaysar are held on istumrar tenure by communities of Chitas. The villages are all close to the city of Ajmere and were granted to the communities of Mhairs on condition of protecting the town. The canoongoes stated in Mr. Cavendish's time that they were khalsa villages, but unlike the rest of the khalsa, they paid a regular money revenue and have been included in the instumrar area. The canoongoes stated that Rajaosi was originally held in jaghire by the Gor Raja of Rajghur, but it was resumed by the Maharaja of Jodhpoor and farmed to the ancestors of the present Mhairs. Shamsaer Khan of Rajaosi is the head of the Chita clan in Ajmere.

159. *Charan*.—One village, Kotri in the Bhinae Pergunnah, is held by a Charan and pays revenue direct to Government. The possession of the Charan dates from Karan Sen, the scunder of the Bhinae estate. In Masooda, Junia, Sawar, and Kharwa there are villages held by Charans on a precisely similar tenure, but this is the only one which pays revenue direct.

160. *Kachwaha*.—The Kachwaha Rajpoots, like the Sesodias, are to be found in the villages adjoining their respective States of Jeypoor

and Oodeypoor and hold bhoom in five villages of Ajmere. They are settled principally in the villages of Harmara and Tillornia in the extreme north of the district. The most noteworthy family, that of Thakoor Harnath Sing of Harmara has had a chequered career. The ancestor of this family, Harnath Sing, received a jaghire of six villages from Aurungzeb, but the estate was partially resumed by the Rahoors and wholly by the Mahrattas, and the present representative of the family, Thakoor Harnath Sing, who alone of all the bhoomias in the district is entitled to the appellation of Thakoor, holds now some 800 acres of bhoom in Harmara and Tillornia.

161. Nawab Abdool Karim Khan is the largest jaghiredar in the district. He is a descendant of Tahawir Khan, who accompanied Aurungzeb on his expedition to Ajmere against Dara, and whom Aurungzeb, suspecting treachery on his part, caused to be put to death at Doomara, where is his tomb. Farokhsir made a grant of 5½ villages to Sher-ud-din Khan, the son of Tahawir Khan, and the property has since lineally descended. The printed Report of the Committee on Jaghire Estates, dated 16th May 1874, contains all that is known regarding this and the other jaghire estates, and it is unnecessary to recapitulate it here.

CHAPTER VII.

History of the Land Revenue Administration.

162. The khalsa villages of Ajmere have been practically identical since the cession of the district in 1818 to the present time. The only change of importance has been the addition of five villages in accordance with a Treaty with Sindia in 1860. The khalsa villages of Mhairwarra have been identical since the conquest and cession in 1823. The temporary arrangement, ^{under} which seven Marwar villages were, for a few years, placed under British management will not vitiate a comparison of different periods. The administration of the istumrar estates of Ajmere has been confined to collecting from them a fixed assessment; the Thakoors and Jaghiredars were left to manage their own affairs. The following retrospect, therefore, will be restricted to the administration of the khalsa and chikult of Ajmere. The accompanying statement shows the demand and the collections on account of land revenue of the khalsa of Ajmere proper for each year from 1818, and the prices of the chief grains grown in the district are also given for each year.

REPORT ON THE SETTLEMENT OF THE

Statement of demand and collections in the khalsa villages of Ajmere from 1817-18 to 1873-74.

Year.	CROPS PER RUPEE.				Demand.	Collection.	REMARKS.
	Wheat.	Barley.	Mais.	Molb.			
					Rs.	Rs.	
1818	14	22	23	18	1,28,076	1,15,000	Collected by the Mahrattas.
1819	15	25	27	21	...	1,69,744	Mr. Wilder's direct collections at half produce.
1820	13	21	24	21	1,79,457	1,40,034*	Mr. Wilder's three years' progressive settlement.
1821	16	22	28	23	1,61,700	1,64,700	Mr. Wilder's five years' settlement.
1822	21	30	36	26	1,61,700	1,64,700	
1823	21	38	45	36	1,61,700	1,64,070	
1824	20	35	36	30	1,61,700	1,69,270	
1825	17	21	21	21	1,64,700	51,920*	
1826	21	29	20	29	...	1,37,630	Revenue collected kham at half produce.
1827	25	42	49	36	1,44,072	1,44,072	Collected at half produce by Mr. Middleton.
1828	27	52	69	37	1,44,072	1,42,760	Mr. Middleton's five years' settlement continued for two years.
1829	25	45	51	42	1,44,072	1,28,046	
1830	23	39	44	39	1,44,072	1,24,936	
1831	29	39	39	40	1,44,072	1,23,360	
1832	32	55	68	47	1,44,072	1,21,813	
1833	25	38	35	37	1,44,072	1,21,040	Mr. Edmonstone's summary collections.
1834	12	18	19	14	...	80,813*	
1835	17	20	33	30	1,10,302	1,18,792	" " settlement.
1836	22	33	33	30	1,20,872	1,27,613	
1837	23	29	32	28	...	1,20,810	Mr. Edmonstone's ten years' settlement, but after the first year half the villages gave up their leases, and the revenue was collected direct at half produce.
1838	18	24	23	19	...	1,05,872	
1839	17	23	24	21	...	1,22,730	
1840	11	20	27	21	...	97,216	
1841	16	28	24	20	...	72,047	
1842	19	25	30	22	...	1,22,988	Colonel Dixon's collections partly on Mr. Edmonstone's settlement, but chiefly direct at two-thirds the produce.
1843	20	28	28	24	...	1,06,837	
1844	18	24	28	21	...	1,26,707	
1845	18	28	28	24	...	1,67,787	
1846	19	28	30	28	...	1,49,307	
1847	19	26	30	29	...	1,45,608	Colonel Dixon's direct collections at two-thirds of the produce.
1848	14	19	23	19	...	1,67,237	
1849	14	19	27	18	...	1,14,662*	
1850	18	22	24	23	1,71,219	1,60,100	
1851	21	29	29	23	1,71,762	1,64,636	
1852	22	33	34	27	1,78,822	1,71,917	Colonel Dixon's ten years' regular settlement, exclusive of collections for Road Fund Rupees 1,763, and 7th Fund Rupees 5,125, which were collected in the year, the deficiencies being shown against land revenue proper.
1853	34	33	33	20	1,78,569	1,73,558	
1854	27	30	31	24	1,73,600	1,67,385	
1855	24	35	35	20	1,75,010	1,75,010	
1856	21	38	39	36	1,74,022	1,72,734	
1857	20	39	36	37	1,75,240	1,70,381	Colonel Dixon's ten years' regular settlement, exclusive of collections for Road Fund Rupees 1,763, and 7th Fund Rupees 5,125, which were collected in the year, the deficiencies being shown against land revenue proper.
1858	27	43	38	36	1,74,173	1,72,290	
1859	21	31	33	26	1,73,797	1,71,739	
1860	18	28	28	25	1,83,005	1,82,315	
1861	17	21	21	27	1,73,380	1,61,250	
1862	14	23	20	16	1,74,084	1,74,084	Colonel Dixon's ten years' regular settlement, exclusive of collections for Road Fund Rupees 1,763, and 7th Fund Rupees 5,125, which were collected in the year, the deficiencies being shown against land revenue proper.
1863	14	20	17	19	1,72,634	1,72,831	
1864	14	22	19	16	1,74,814	1,74,844	
1865	11	19	18	13	1,72,863	1,72,863	
1866	12	17	16	15	1,73,947	1,73,017	
1867	13	20	18	16	2,11,343†	2,10,335	† Including collections from Gwallior villages, which had been held kham and the receipts credited to the Personal Ledger for six years.
1868	18	18	18	15	1,60,765	1,60,691	
1869	6	6	6	6	1,81,814	1,02,928	
1870	0	18	12	12	2,02,979	1,82,486	
1871	13	21	20	18	2,17,644	2,13,160†	
1872	15	25	28	21	1,89,436	1,86,216	† In this are included the arrears paid up by the farmers.
1873	14	22	22	20	1,81,608	1,80,023	
1874	13	17	16	17	1,80,313	1,80,313	
1875	...	...	...	...	1,41,808†	...

163. *Administration of Mr. Wilder.*—Mr. Wilder, Assistant to the Resident at Delhi, was the first Superintendent appointed to Ajmere. He received charge from Sindia's officers on the 26th July 1818 and "found the city almost deserted and the people, though peaceable and industrious, sadly thinned by oppression." On the 27th September he reported on the newly-acquired province. Neither Tantia nor Bapoo Sindia had ever collected more than Rupees 3,76,740 from the district,

and of this sum Rupees 81,000 was the amount at which the land had been farmed, the remainder was land revenue * Of the land amounting to Rupees 8,45,740, the assessment of the istumrar Rupees 2,16,762, that of the khalsa Rupees 1,28,978. The system of Mahratta administration was practically to exact all that could be paid but about nine years before the cession a kind of settlement had been concluded in the istumrar and khalsa in accordance with which it had been arranged that instead of the recent arbitrary enhancements of the istumrar revenue, all future augmentations should take the form of taxes or levies, and the land revenue of the khalsa was shown as a fixed sum called "nen" Rupees 87,689, while the remainder was to be collected in the shape of a number of extra cesses. The object of this arrangement was two-fold. The istumrardars were anxious that the arbitrary exactions should not be consolidated with the original revenue, lest on a change of rulers it might be difficult to procure their remission, and the Governor of Ajmere only sent to Gwalior the land revenue proper, and appropriated to himself the extra collections. The khalsa villages farmed for the amount of the "nen" and the extra cesses were under 44 heads. Of these a tax called "nandrak" equal to 2 per cent over and above the "nen" was the perquisite of Sindia's wife, a similar tax was denominated, "Bheut Bai Sahiba" and was an offering to his sister; and his daughter and his Pir received respectively Rupees 2 and Rupee 1 from each village. The produce of these four cesses were sent to Gwalior, and the Governor appropriated the produce of the remaining 40 exactions. The chief were Fouj-khurch levied on account of the expenses of maintaining troops for the protection of the villages. This was uncertain in amount and varied with the ability of the people to pay and the power of the Governor to compel payment. Patel, bab, and bhoombab were percentages levied from Patels and Bhoomias, there were numerous offerings at all the Hindoo festivals, charges on account of every act of Civil Government, and sundry arbitrary cesses uncertain in amount. The actual collections from the khalsa in the year before the cession amounted to Rupees 1,15,060.

164. The question of the currency was one which caused Mr. Wilder some difficulty. None of the Company's coins were current further south than Jeypoor, but there were six principal mints whose coin was current in Ajmere, and for all of whom the chief source of supply of bullion for coinage were dollars imported from Bombay or Surat *via* Palee. No crude bullion was used. The Ajmere mint had been established since the time of the Emperor Akbar and turned out yearly about a lakh and a half of rupees called Sri Shahi. The Kishenghur rupee was struck at Kishenghur and the mint had been established about 50 years, though it had frequently been suppressed by the rulers of Ajmere. The Kuchawan rupee was struck by the Thakoor of Kuchawan in Marwar, without the permission of the Maharaja, who was too weak to assert his rights. The Thakoor was supposed to clear 5 per cent. by bringing the dollars to his melting pot. The Shahpoora mint had

*NOTE.—In the Treaty of cession with Sindia the revenue of Ajmere was valued at 505,494 Sri Shahi, or 4,60,986 Farrukabad Rupees. It was admitted, however, by the Resident at Gwalior that the revenue was much exaggerated.

been established for some 70 years, in spite of the attempts of the Rana of Oodeypoor to suppress it. The *Chilloree* rupee was the standard coin of Meywar, and the *Jharshahi* rupee was struck at Jeypoor. Mr. Wilder untied the knot of the coinage difficulty by concluding all transactions on the part of Government in Furrukabad Rupees, and receiving only these in payment of Government revenue. The fixed revenue of the istumrar estates he converted from Sri Shahi into Furrukabad currency by allowing a deduction of 9 per cent., and it is on this account that the present istumrar revenue of each Thakoor consists of Rupees, annas, and pies.

165. Mr. Wilder proposed to abolish what he calls "the very objectionable and disgusting system heretofore practised," and to take the revenue in the khalsa by reverting to the ancient custom of estimating the crops and dividing its value. The people willingly agreed to pay one-half the estimated value of the crop, this being the old rate of assessment and that customary in the adjacent States. The collections for the year were Rupees 1,59,746, and Mr. Wilder writes that the measure of an equal division of the crop had been productive of all the benefits he had anticipated. The people had acquired confidence in the moderation and justice of their new government, and though it would not be advisable for the next two years to demand any great addition to the increase that had already taken place, yet he was confident that on the third year the jumma might be raised to double what it had reached under any preceding Government without at all pressing on the inhabitants. Accordingly Mr. Wilder proposed a three years' progressive settlement, in the first year Rupees 1,79,457, in the second year Rupees 2,01,691, in the third year Rupees 2,49,303. He was of opinion that "if the jumma is so apportioned that half of the produce be found sufficient one year with another to meet the Government demand, the remaining share is quite enough to provide every necessary comfort for the husbandmen." This way of putting the case sounds peculiar, but is quite in accordance with Mr. Wilder's views, whose dominant, if not sole anxiety was to increase the Government revenue. Mr. Wilder furnished no information of the principle on which the demand had been fixed, nor of the grounds on which a progressive assessment had been resolved on, and the settlement was confirmed with some hesitation by Government, who remarked on the proved disadvantages of an assessment framed on anticipated improvement, which checks the rising spirit of industry and the accumulation of capital.

166. The settlement, however, was not destined to run its course but broke down the first year. The khureef was injured from excessive rain, and in February there were successive frosts, which so destroyed the rubbee that the straw even was not fit for use. Mr. Wilder proposed to relinquish the balance and to make a settlement on a fixed annual jumma of Rupees 1,64,700. Both these proposals were sanctioned by Government, the term of the settlement being fixed for five years. The assessment was fairly collected for the first four years, though in the last year the people were obliged to borrow to pay their revenue; but the fifth year was a year of famine. There were occasional showers till the 10th of June, but from that date there were only two showers, one on

the 12th and another on the 20th August. A hot westerly wind prevailed, the tanks dried up, the wells began to fail, and the khureef was lost. Forage was as scarce as grain, many of the cattle had died by August, and most of the remainder had been driven off to Malwa. Grass was selling at 20 seers a rupee. Two severe frosts in March almost entirely destroyed the indifferent rubbee. Recourse was had to collecting one-half the produce, the amount realized was Rupees 31,920. The next year was a good one, but the people objected to pay according to Mr. Wilder's settlement, and the revenue was again collected by—

167. In December 1824, in the middle of the famine year, Mr. Wilder was promoted to the charge of the Saugor and Nerbudda territories. His six years' administration had not been productive of any great results. He made no radical inquiry into any of the institutions of the province. He continued many old abuses both in the Customs Revenue Departments, simply because they brought in money. It cannot be said that he took much pains to ascertain the value of the land he assessed or the condition of the people, and the era of material improvement had not yet dawned. He united in his person the offices of Superintendent of Ajmere and of Political Agent for Jodhpore, Jeysulmere, and Kishenghur, and kept up a semi-regal state with elephants, horsemen, and chobdars. On the other hand, his administration was rather starved. The whole cost of the Revenue and Police establishment of the district was Rupees 1,374 a month, or less than half of Mr. Wilder's salary which was Rupees 3,000. There was not a copy of any Regulation in the Office in 1823, and a copy of the *Calcutta Gazette* was refused. After a time an European Assistant was appointed. The great solicitude of Mr. Wilder was to develop the trade of Ajmere and he invited merchants from all quarters to come and settle in the city. One curious feature of his correspondence is the number of letters of recommendation he gave these merchants and bankers. Many of these letters were written to Judges and Magistrates requesting them to assist in collecting money due to the merchants.

168. *Administration of Mr. Middleton.*—Mr. Henry Middleton, also a North-West Civilian, succeeded Mr. Wilder in December 1824. He was of opinion that Mr. Wilder's assessment was very high, that fixed assessments of any kind were unpalatable to the people, and if confidence could be reposed in the Subordinate Officers, the system of taking in kind would be best. The experience, however, of the year 1825-26 rendered Mr. Middleton loth to adopt this system. Accordingly he proposed a five years' settlement and reported its completion on the 26th November 1826. He had rough measurement rolls prepared, but he chiefly relied on the collections of the previous year as a criterion of resources. He remarks upon the poverty of the people and the extortions of the money-lenders. Many cultivators who had come to the district in the first years of British rule had been driven away again by bad harvests and high assessments. The wells were falling into disrepair, and the people had no money to repair them. Mr. Middleton's settlement was sanctioned at Rupees 1,44,072 for five years.

169. The assessment, however, was only collected in the first of the years the settlement had to run, and that with considerable difficulty. The rains commenced favourably, but from the middle of July till the

first week of September there was no rain. The bajra and jowar all came to nothing. The rains of September, however, were plentiful, the people who had begun to drive their cattle to Meywar and Marwar for pasturage returned, and the rubbee harvest was good. Mr. Middleton did not remain long enough in the district to collect the next year's revenue and made over charge to Mr. Cavendish in October 1827. He was an officer of mediocre ability and initiated no useful measures.

170. *Administration of Mr. Cavendish.*—Mr. Cavendish, his successor, was a great reformer and left the impress of his energy on every department of administration. To him the district is indebted for a very valuable collection of statistics regarding istumrar, bhoom, and jaghire tenures. He carried out, however, little of what he put his hand to, and the sanction which had been accorded to Mr. Middleton's settlement prevented his interference in the assessment of the khalsa. In forwarding the accounts for the year 1828, he explains the method of collection and gives a long account of the circumstances of the district and of his own views as to the weight of the assessment. The custom of collection as handed down from the Mahrattas was for the patel with the putwaree, where there was one to estimate the crop. One-half the estimate was the Government revenue. Almost always a loss or inability to pay the assessed revenue from the produce of the land was the result of the estimate and then followed an annually varying contribution from all village residents to make up this real or supposed loss. The contributors were not permitted to interfere in the valuation and the Tehsildar enforced payment.

171. Mr. Cavendish considered "that Mr. Middleton's assessment was high for several reasons, because the cultivated area has remained stationary since the time of the Mahrattas, who only collected Rupees 87,689, because the rate of assessment exceeds one-half the produce; because no cultivator in the soil of Ajmere which requires much labour and expense can afford to pay one-half the produce; because the assessment is collected not from the produce of the soil, but by a fluctuating and arbitrary tax, and because the assessment has been made on the basis of a favourable year's collections when corn was dear." Mr. Cavendish applied the rates to which he had been accustomed in Saharunpoor to Mr. Middleton's areas and calculated that the assessment ought to be Rupees 87,645, instead of Rupees 1,44,072. He gives three main causes of the original over-assessment of the district, all of which no doubt worked to that end. First the strength of the Mahratta Government who took all that the people could give, and who were unfettered by any prescriptive rights; secondly, the exaggeration of the revenue by Sindia at the time of transfer which made Mr. Wilder endeavour to work up to an impossible standard; and thirdly, that the year 1818-19 was a very good year in Ajmere, while owing to the devastations of Ameer Khan in the territory of Meywar, Marwar, and Jodhpoor, there was a large demand on all sides for grain, and prices were very high. This last is a most important point and seems to be the real key to the over-assessment of the district. Mr. Cavendish proposed a revision of settlement, but if this were not sanctioned he recommended that the people should not be pressed for their revenue in bad seasons. He also introduced partially a khewat or assessment of individual hold-

ings, a measure unknown to Mr. Middleton's settlement. He lays stress on the point that remissions granted in a lump sum benefit not the real sufferers, but the Tehsildars, Canoongoes, Putwarees, and Patels. He introduced, for the first time, Putwarees' accounts, and appointed Putwarees for many villages where there were none, and directed every putwaree to give a receipt. Government approved of Mr. Cavendish's innovations generally, but with regard to the weight of the assessment decided that a more detailed investigation must precede a general revision, and directed that the unexpired period of the settlement should be diligently employed in ascertaining the capabilities of each village. It is certainly a matter of regret that the settlement of Ajmere did not fall into Mr. Cavendish's hands rather than into those of Mr. Middleton.

172. Holding these views as to the weight of the assessment, it was not to be expected that Mr. Cavendish should press the people to pay where he found there was a difficulty in paying. As a matter of fact remissions were regularly applied for and granted, and the settlement was not worked up to in any one year. In only one of the four years that Mr. Cavendish was in the district, were there any rains in December and January. He left the district at the end of 1831, the year of the expiry of the settlement. He writes that he had intended to make the settlement with patels and to give to each tenant a khewat. He adds that he had never been stationed in a district where the seasons were so uncertain, the soil so poor, and which was so highly nay oppressively over-assessed.

173. *Major Speirs.*—There was no rain in 1831 till the 7th August, but the rubbee was good. Mr. Moore, the Assistant Superintendent, to whom Mr. Cavendish had made over charge, collected on the principle established by Mr. Cavendish. The year 1832 was marked by destructive flights of locusts in September and October, and Major Speirs, who succeeded Mr. Cavendish, found himself obliged to allow the khureef kists to lie over till March. Major Speirs did not attempt a settlement, he collected all he could and the remainder was remitted by Government. In the year 1833-34, however, even the pretence of working on the settlement was abandoned. The year was one to be marked with a black cross in the calendar of Ajmere. It commenced with a cattle epidemic in April which carried off one-half or two-thirds of the cattle; there were only two hours' good rain from June to September; there was no forage and no khureef, for the locusts in September devoured nearly every green thing. Major Speirs collected the khureef instalments by an equal division of the scanty produce, and proposed to give the rubbee revenue to the people to enable them somewhat to recoup their losses. In December 1833, Major Speirs was promoted to the post of Officiating Commissioner and made over charge to Mr. Edmonstone, who collected the rubbee instalments by "taking from such of the village communities as would consent on any reasonable terms, engagements to pay revenue for their villages according to a fair and just estimate of their resources calculated with reference to the deteriorated state of the country from the drought." In the following year he made a summary settlement on the same principle, the demand of

which was Rupees 1,19,302. If the villages did not consent to the terms, the revenue was collected kham (at half produce).

174. *Mr. Edmonstone's Settlement.*—In the cold weather of 1835-36, Mr. Edmonstone proceeded to make a regular settlement, which as it was subsequently sanctioned for 10 years, is generally known by the name of the decennial settlement, and which was reported on the 26th May 1836. Mr. Edmonstone gives a rapid sketch of the previous administration of the land in order to prove that "the district instead of advancing had receded and that independent of drought and failure of seasons, in no one year had a fair assessment been fixed on the land." His endeavour had been to avoid the custom which had hitherto prevailed of fixing the jumwa at the highest amount, which could be collected in any year, and then each year remitting, generally indiscriminately, all sums about which there was a difficulty. Mr. Edmonstone did not assume rates as Mr. Cavendish had proposed to do, but adopted a method of his own for assessment. The villages were measured and the cultivated area amounting in all to 36,357 acres classed into Chahee 8,939 acres, Talabee 2,130 acres, and *Barnee* 25,055 acres. He then assessed the cash-paying produce (Indian-corn and cotton) on the do-fusli area at the current money rates during kham tehsil and estimated the average produce per beegah of other crops. The Government share, one-half except in the case of patels and mahajuns, he converted into money by the average price current of the previous five years. He thus obtained a rough jumabundee amounting to Rupees 1,57,151, and then visited each village, and fixed his demand with reference to the past fiscal history, present circumstances, and future capabilities of each estate. No villages were given in farm. Two small ones were held kham as they could not be brought up to his standard, the rest accepted his terms. The amount finally assessed was Rupees 1,27,525, or adding the kham villages 1,29,872.

175. Mr. Edmonstone describes the people as reckless, improvident, poverty-stricken and much in debt. The Bohras were masters in the villages; they weighed the grain, helped themselves, and allotted the remainder: they advanced the Government revenue and gave advances of seed grain and for the purchase of cattle. They regulated the expenditure of the community even to the sums employed on marriages and other festivals. Their right was hereditary; they furnished no accounts and the debt to them ran on from generation to generation. Mr. Edmonstone settled with the headmen of each village, who, he believed, acted generally in accordance with the wishes of the village community. The incidence of his assessment was Rupees 3-9 an acre, while the un-irrigated area was nearly 69 per cent. of the cultivated. The settlement returns show 5,621 cultivators, 2,675 non-cultivators, 3,185 ploughs, and 1,575 wells.

176. The decennial settlement was the first which was based on the cultivated area, and personal enquiry and the assessment of individual villages seems to have been very fairly and judiciously carried out. The great defect of the settlement was the very imperfect and inequitable manner in which the village assessment was distributed over the holdings. Hitherto the people had paid one-half of the estimated pro-

duce to the patels and the deficiencies were levied from the non-agricultural residents. Mr. Cavendish had partially introduced a khewat, but the principle of the joint responsibility of all khewatdars was practically unknown in the district, and was introduced for the first time by Mr. Edmonstone. It is evident that a cultivator assessed at one-half the produce of his fields, and obliged to pay in good and bad years, cannot pay for other cultivators who emigrate in years of difficulty, or who being left without resources turn for a livelihood to manual labour. These two classes are still well-known in the district as the "Firar" and "Nadar Assami." In the first year of the settlement, the khewat was proved to be quite inequitable, and the people began to clamour for a return to collections from the actual produce. Mr. Edmonstone had left Ajmere in the end of 1836, and Lieutenant Macnaughten, his successor, proposed to make a fresh distribution of the revenue, and "to give to each cultivator a separate lease specifying the quality and quantity of land in his possession and the rent which Government will expect to receive from him." In sending up the proposal, Colonel Alves, the Commissioner, remarked that it was tantamount to a proposal to change the settlement from mouzahwar into ryotwar, and Government, adopting this view, decided that the change was undesirable and disallowed the proposed measure. Though, however, a re-distribution of the revenue was refused, yet the villages were offered the option of returning to kham management or of retaining their leases, and 41 out of 81 villages preferred the former alternative.

177. *Colonel Sutherland's proposals.*—During this correspondence Colonel Sutherland succeeded Colonel Alves as Commissioner. He took very great pains to make himself thoroughly acquainted with every thing concerning Ajmere, and his Reports on the Khalsa Administration and on the istumrardars are standard papers of reference. After an exhaustive retrospect of the previous administration from which a good deal of the preceding sketch has been taken, he came to the conclusion that "the system of village assessments is quite inapplicable to Ajmere, that they have produced extensive injury to the Government revenue and to the condition of the people, and that in a few more years they will leave us hardly any revenue, and reduce them to utter poverty. He looked for a remedy to the repair and construction of tanks, which render the country almost proof against famine and advocates the mode of assessment, which had been carried out by Captain Dixon in Mhairwarra as that suited to the country and consonant with the wishes of the people, viz. :—

1st.—Lands under cotton, maize, sugar, and opium to be charged with a money-rate.

2nd.—Other rubbee and khureef crops to be estimated or measured, and $\frac{1}{3}$ rd of the produce to be taken as the Government share by a money assessment fixed according to the average yearly value of produce in the principal neighbouring markets.

3rd.—Land newly broken up to pay $\frac{1}{6}$ th the produce, for the first year, $\frac{1}{5}$ th for the second, and $\frac{1}{4}$ th for the third and fourth years. In the 5th year and thereafter the full rate of $\frac{1}{3}$ rd to be charged.

4th.—A remission in the amount of share to be given to those who construct embankments or dig new wells.

178. The four years from 1837-38 to 1840-41 were years of severe distress, and at the time of Colonel Sutherland's Report which is dated 26th January 1841, the khalsa villages had reached the lowest depths of poverty. The Superintendent reported that 500 families had left the district owing to the pressure of revenue which they were unable to pay. Half the tanks had been broken for years and many of the wells worn out of repair. The people were too demoralized to permit of grants of advances for agricultural improvements. They preferred to pay half the produce to accepting the reduced assessment of Mr. Edmonstone. The houses were generally dilapidated and the whole khalsa in the eyes of the Commissioner bore a poverty-stricken look, which was a painful contrast to the condition of the talookdars' estates.

179. *Retrospect.*—Here then we may pause, for a new era opens for the district with the beginning of the year 1841, and briefly gather the lessons to be derived from the foregoing account. The outcome of British administration for 23 years had been to reduce the district to a state of abject poverty. The collections had dwindled down to less than they were in the time of the Mahrattas. The initial over-estimate by Mr. Wilder of the resources of the district had extended its baneful effects over the whole period. The settlements of Mr. Wilder and Mr. Middleton exceeded the collections of the good years on which they were founded, and were far too oppressive to be paid. Mr. Edmonstone's settlement, the lowest of the three, was founded on an estimate of half the actual produce, and as an equal average assessment to include good and bad seasons was a complete failure. Its incident was 3·9 an acre on 31 per cent. of irrigation, or about twice as heavy as the settlements made in the North-Western Provinces under Regulation IX of 1833. With the experience gained in these settlements, the Government of the North-West might have concluded that its "trust that the settlement would prove moderate and be realized without distress to the people" was fallacious. The decennial settlement, however, broke down, chiefly because no proper arrangements were made for the collection of the individual quotas. The old order under which the headmen and put-warees had collected one-half the produce from each cultivator, had given way to the principle of joint responsibility, but the latter was an impossible system where each cultivator held a defined amount of land, and was assessed for it at a sum which left him merely the means of subsistence. During these 23 years one tank embankment, that of Ramsar, was repaired by Government, no new tanks were constructed, nor any suggestions made for that purpose.

180. *Colonel Dixon's Administration.*—The success of Major Dixon's administration of Mhairwarra had for some time attracted the attention of Government and the Commissioner, and at the end of 1840, the Superintendent of Mhairwarra was instructed to proceed into the Ajmere District and report on the local facilities for the construction of tank embankments in the khalsa villages. Major Dixon forwarded estimates for Rupees 55,507 for the construction and repair of thirty works, and these estimates Colonel Sutherland sanctioned on his own

responsibility. The kham villages in the pergunnaahs adjoining Mhairwarra were in 1841 placed under the charge of Major Dixon, and in February 1842, on the departure on furlough of Mr. Macnaughten, Major Dixon was appointed Superintendent of Ajmere in addition to his other duties as Superintendent of Mhairwarra and Commandant of the Mhairwarra Battalion. From the date of his assuming charge a new era commences in the history of the administration of the country. Within the next six years Rupees 4,52,707 were expended on the construction and repairs of embankments, advances were made for agricultural improvements, and the Superintendent succeeded in infusing a good deal of his personal energy into the people. To enable Government to reap a benefit from the new works, sanction was procured to allow such villages as desired it to abandon their engagements. All were invited to return to kham management, and when a tank was made or repaired in one of the few villages which insisted on retaining their leases, percentage of the cost was levied in addition to the assessment. The rate of collection at the same time was reduced from one-half to two-fifths and the zabti or cash rates also lowered. Colonel Sutherland and Major Dixon were both anxious that the rate of collection should be reduced to one-third, but this was not sanctioned by Government. On the expiry of the ten years' settlement the whole district was held kham and managed as Major Dixon had managed Mhairwarra.

181. *Mr. Thomason's visit to Ajmere.*—In 1846 Mr. Thomason, the Lieutenant-Governor of the North-Western Provinces, visited this outlying portion of the territory under his charge, and he is the only Lieutenant-Governor who has ever visited Ajmere. With regard to the land revenue, the chief points requiring orders were, first, whether the rate of kham collections should be reduced; secondly, whether there should be a return to fixed assessments. The Lieutenant-Governor decided that as long as the kham system of management was maintained, there should be no alteration in the scale of rates; and his visit to the district confirmed the opinion which he had previously formed of the expediency of returning as soon as possible to the system of village settlements. He remarks that a mode of administration which depends upon the experience and energy of one man is not fitted for general adoption. The people had learned fully to recognize the principle of joint responsibility, and their land from the means of irrigation with which it had been provided possessed a higher and more uniform value than was formerly the case. Arrangements were therefore made for a Revenue Survey, and instructions were issued to Major Dixon for the formation of a village settlement. Moderation was inculcated and the standard to be aimed at was "the punctual realization of a jumma equal to Mr. Edmonstone's assessment, and yielding over and above that amount a moderate profit on the money invested in tanks and reservoirs. This moderate profit was afterwards put at 5 or 6 per cent.

182. *Colonel Dixon's regular settlement.*—The season of 1848-49 was a year of very severe drought which wholly eclipsed in severity the calamitous season of 1833-34. Of the many talaoos in Ajmere and Mhairwarra only one had the benefit of a good shower. The drought was equally severe in the whole country from Marwar to Bundi. No crops were produced except in well-land and in the beds of the tanks.

There was an utter failure of forage and $\frac{2}{3}$ ths of the cattle by Colonel Dixon's estimate died. At one time it was doubtful whether engagements for a fixed assessment could be entered into. The succeeding year, however, was favourable and the settlement commenced from the khureef harvest of 1849.

183. In making his assessment, Colonel Dixon was guided chiefly by the experience he had gained of the capabilities of each village while it was held under direct management. His method of assessment was as follows: He took Mr. Edmonstone's assessment and added to it 8 per cent. of the sum expended on tanks in that village. This was the standard. If the past history of the village or its "latent capabilities" warranted Colonel Dixon in believing that this amount could be paid, he assessed the village at this amount. If he thought it could pay more, he assessed it at more. If he thought it could by no possibility pay this amount, he reduced the standard. No rates were worked out until after the assessment, nor was any attempt made to compare the incidence of the revenue in different villages or to explain its variations. The inequality of the assessment was no doubt tempered by Colonel Dixon's intimate knowledge of the district, but the system necessarily produced inequality. The increase in the assets of a village is by no means proportionate to the cost of the embankments which may be made on it. The cost of an embankment depends on the local facilities for making it, and in Ramsar where the tank-beds are generally unculturable from oosar, 8 per cent. was much too high a rate to take. Many new wells had been made in land within the influence of the new tanks and under the system adopted. Supposing Mr. Edmonstone's settlement to have been exactly fair, these did not come under assessment at all. In the village note books which are all drawn up on one stereotyped plan, it is nearly invariably recorded that the jumma fixed "appears equitable with reference to the experience of past years and the latent capabilities."

184. For all practical purposes of assessment, the measurement of the villages in Colonel Dixon's time was superfluous. If six per cent. of the outlay on the tanks be added to the assessment of Mr. Edmonstone the amount will be Rupees 1,58,273, and this is the sum proposed as a fair amount to distribute by the Lieutenant-Governor. The highest amount which had ever been collected was in 1847-48 when at $\frac{1}{3}$ ds the produce the revenue stood at Rupees 1,67,237, and this included all cesses. Colonel Dixon's actual assessment excluding the one per cent. road cess, but inclusive of the tank cess of 1 per cent. on the outlay, which was merely a deduction from the Government revenue set apart for a particular purpose, was Rupees 1,75,756, or adding the assessment which was subsequently made on Nearan and Keranipara, Rupees 1,85,161. The assessment was lighter than Mr. Edmonstone's, but the unirrigated area had increased in greater proportion than the irrigated, and the rate of assessment was Rupees 2-0-3 on '28 per cent. of irrigation. The best description of the settlement is that given by Colonel Dixon himself in a demi-official to Sir Henry Lawrence, dated 25th January 1856. "If the season be moderately favourable and the talaoos be replenished, the rents will be paid with ease and cheerfulness by the people. If drought ensues, we have been prepared to make such a remission that distress in paying the revenue shall not reach the peo-

ple. It is necessary to bear in mind that we have given the profit to the people, ourselves bearing the onus of loss. In a country like Ajmere-Mhairwarra where the seasons are so extremely irregular, to burden the zemindars with arrears of rent on account of what was not produced, would check the energies of the people and render them less industrious than they now are, when they know we shall only claim the rent or a portion of it when it has been assured to them by Providence. To have made the jumma less would have been to have left zemindars only partially employed, while in a season of scarcity we must still have relaxed the demand." This extract clearly sets forth the nature of the settlement. It was not intended to be an equal annual jumma to be collected in all years except what in other parts of India would be called famine years, but the assessment was pitched at the highest amount that Colonel Dixon believed should be collected in good years, and he was prepared to apply for remissions whenever they were required. The seasons in Ajmere are indeed too irregular and the rainfall too partial ever to permit of such a settlement being made, but the plan of assessing a water-rate separately, though suggested in Colonel Dixon's time by Colonel Sutherland, was new, and its application to the tanks of Ajmere presented insurmountable difficulties in practice.

185. The people accepted the settlement with reluctance. Colonel Dixon (paragraph 14 of his Report), in speaking of Ajmere Pergunnah, says—"Our labours to convince the people that their welfare and benefit had been mainly studied in the proposed arrangements were unheeded. As all the patels and headmen were of one mind, it was evident they had been instructed by some evil-disposed people who loiter in the vicinity of the Courts to reject our offers." Rajghur Pergunnah assented more readily: Ramsar, the most heavily assessed, was reluctant, but the persuasions and influence of Colonel Dixon eventually induced all to accept the terms. In sanctioning the settlement the Lieutenant-Governor expresses a fear that the assessment will be found in some degree higher than the country can easily bear, but trusts to Colonel Dixon's local experience and intimate knowledge of the country, and is ready to believe that the assessment has been so fixed as to draw forth rather than discourage the exertions of the people. The Court of Directors shared the apprehensions of the Lieutenant-Governor, but the settlement as proposed was sanctioned for 21 years. The Lieutenant-Governor, however, desired it to be understood "that, except after Report to Government and special sanction, no other penalty was to be attached to the non-fulfilment of the settlement contract than annulment of the lease and return to khām management."

186. The settlement thus sanctioned was a mouzahwar settlement only in name, and the system of collection adopted by Colonel Dixon rendered it practically a ryotwar one. Before the instalments were due, the villages were divided into circles and a chupprassie was appointed for each circle. It was the duty of this official in company with the patel and putwaree to collect from each individual tenant the sum recorded against his name in the putwarees' register. If the cultivator himself could not pay, the bunia with whom he kept his accounts was called up and the money generally produced. When the revenue could not be collected Colonel Dixon made up his mind as to how much

should be remitted about the month of May and applied for sanction for the remission of the amount proposed. Thus in May 1854 he applied for leave to remit Rupees 16,325, and his request was at once granted. It is a matter of common tradition in the district that when the revenue of any village was found to come in with difficulty, the Deputy Collector was sent out and arranged for a fresh re-distribution of the assessment. Such a mode of administration, though the best suited to the district and perfectly consonant with the wishes of the people, differs very considerably from the mouzahwar system and could only succeed when the Collector was intimately acquainted with the sources of each village.

187. *Settlement of Mhairwarra.*—Having completed the settlement of Ajmere, Colonel Dixon took the assessment of Mhairwarra in hand. As regards Mhairwarra the Lieutenant-Governor had no desire to embarrass him with any instructions. He remarks that the district had been raised to its present state so entirely by Colonel Dixon's exertions and arrangement, that he alone was the best judge of what should be done. Colonel Dixon, therefore, marched into Mhairwarra in the cold weather of 1849-50 and reported his settlement of the district on the 27th September 1850. It was sanctioned for 20 years at a net demand of Rupees 1,81,751 and a gross demand of Rupees 1,88,742. In all Mhairwarra totals, however, it is necessary to remember that Meywar-Mhairwarra was assessed in Chittoree Rupees, the value of which as regards Company's Rupees was 127 to 100 at the time of settlement. The Chittoree Mint ceased to issue coins in 1860, and the value of the Chittoree Rupee rose to 116 to 100, but in 1862 the general average was 120. Major Lloyd, the Deputy Commissioner, proposed in his letter, dated 15th August 1862, that the people should be allowed the option of paying in Government Rupees at a fixed rate of exchange, *viz.*, 125 to 100, and this was sanctioned by Government. Since then the revenue has been collected in Government Rupees, the Chittoree coin arrangement and the batta fund possess now only an antiquarian interest. The settlement of Mhairwarra was made on the same principles as had been adopted in Ajmere. It was founded on his history of past collections, and here also Colonel Dixon discounted the probable rise in the prosperity of the country. The incidence of the assessment was Rupees 2-11-2 on 38 per cent. of irrigation.

188. For several years after the settlement, there was a succession of favourable seasons, and the remissions for which Colonel Dixon found it necessary to apply were but small in amount. He continued to impress upon the people the advantages of wells and tanks; many were made by the people themselves and the country was prosperous and contented. Colonel Dixon administered the districts of Ajmere and Mhairwarra, to which duties was added the command of the Mhairwarra Battalion, till June 1857. He was at Beawur, where he generally lived during the hot weather and rains, when he heard the first news of the mutinies, and when the news of the mutiny of the troops at Nusseerabad arrived, he laid himself down and died. His tomb is in the Beawur churchyard and is still an object of veneration to the Mhairs. Colonel Dixon had lived in the district for 37 years. Originally belonging to the cantonment of Nusseerabad, he as an officer of the Bengal Artillery had taken part in the subjugation of Mhairwarra in 1821. Shortly afterwards he

was appointed Deputy Commissary of Ordnance and placed in charge of the Ajmere Magazine. In this post he remained till 1836 when he became Superintendent of Mhairwarra, and in 1842 he became Superintendent of both districts.

189. *Close of the era of material improvement.*—With the death of Colonel Dixon closes what may be called the second period of the history, the era of material improvement; and the era of inflexible realization of the revenue commenced. The principle of Colonel Dixon's settlement was forgotten, and the idea gradually gained ground that the assessment was an equal annual demand to be collected in full each year. Captain B. P. Lloyd, who had been Colonel Dixon's Assistant from 1849 to 1853, when he had been placed in charge of the Neemuch Settlement, was appointed Deputy Commissioner, the Commissioner of Ajmere being the Agent, Governor-General for Rajpootana. In the year 1853 Colonel Dixon had been appointed a Commissioner and corresponded direct with the Government of the North-Western Provinces, in whose administration Ajmere had been placed in 1832 and Mhairwarra in 1846. Before 1853 the officers in charge of Ajmere and Mhairwarra had been styled Superintendents and corresponded with the Resident at Delhi, subsequently with the Resident in Malwa and Rajpootana, and after 1832 with the Commissioner. From 1858 the united districts remained a Deputy Commissionership under the Agent, Governor-General and Commissioner, who in his latter capacity was subordinate to the Government of the North-Western Provinces, till 1871, when the province was formed into a Chief Commissionership under the Foreign Department of the Government of India and was given a Commissioner of its own, the Chief Commissioner being the Agent to the Governor-General for Rajpootana.

190. *Captain Brooke.*—Captain Lloyd went on furlough immediately after his appointment, and Captain Brooke succeeded to the Officiating charge of Ajmere-Mhairwarra. On the 24th July 1858, he submitted a long and interesting report on the condition of the country, which has been printed in Volume III (New Series) of Selections from the Records of Government, North-Western Provinces. He found the cultivators in the Ajmere and Rajarah Pergunnahs better off than those in Ramsar who were generally very poor. He remarks on the great want of cattle. The country had suffered very severely from the famine of 1848; the cattle had died in thousands both in the districts and in the countries where they had been taken to graze, and the country had not recovered. Almost the only manure available consisted of the deposit in the beds of tanks. Mhairwarra was better off in this respect, and the cultivation of poppy had advanced with rapid strides in the pergunnah of Todghur since the settlement. The cultivators about the town of Nyanaghur were poorer. The putwarees' papers he found were merely transcripts of the Settlement Record. Each cultivator had been led to consider his revenue as a fixed sum, and that it was a great injustice to demand more from him to make up the deficiencies of defaulters. In Mhairwarra the sepoy of the battalion were regularly defaulters, and where the settlement was not light took no trouble to make any arrangements for the cultivation of their fields. Colonel Dixon, who was both Commandant of the Force and Superintendent of the District, had been in the habit of deducting the amount of land revenue due from the men's pay, but this anomalous procedure was impossible when the officers

of Superintendent and Commandant had been separated. Each cultivator whose crop had failed was obliged to pay his own quota by borrowing. There had been no "bachh" or distribution of the deficiencies caused by defaulters over the village community since the settlement. No account had been kept of the profit of common land, and any remissions received from the State were appropriated by the whole village giving a very small modicum of relief to those really requiring it. The putwarees were miserably paid and generally acted as money-lenders to the people. Captain Brooke revised the putwarees' establishment and doubled up the smaller villages so as to enable him to give a more fitting remuneration to those who undertook the duties. He calls attention to the manner in which land submerged in the bed of tanks had been assessed at high rates, and proposed to strike out of the settlement all lands liable to constant submersion and to take revenue from them only when they should be cultivated. He was of opinion that the settlement had pressed heavily and shows that the prices of wheat and barley had fallen 50 per cent. below what they were for the three years preceding the settlement. He discussed the question of tanks at some length, and to remedy the sitting up of weirs and tanks proposed to construct sluices one-third the ordinary width of the river bed and level with the floor of the bed. Many of Captain Brooke's suggestions were valuable, but the principle of *laissez faire* was now in the ascendant and nothing was done.

191. Captain Davidson, 1st Assistant Commissioner, succeeded Captain Brooke in his officiating charge in February 1859. In reporting the result of the annual tour on the 10th June 1859, he remarks that the season was peculiar, as the whole of the annual rainfall took place between the 16th July and 1st August 1858. The rain fell in a deluge in Ajmere and Beawur. All the tanks were filled suddenly and many burst. The nullahs flowed with such violence that acres of land in many places were washed away. The Ramsar Lake which had never been known to have filled before overflowed; the Ana Sagar Lake rose five feet in as many hours, the water flowed over the embankment which was considerably injured, and the houses on the bund were all under water. The khureef crop rotted in the ground, and when after the waters had subsided, a re-sowing took place, the seed for want of further rain failed to germinate. Though the rain was so heavy in Ajmere and Beawur, the pergunnahs of Todghur and Saroth were parched with drought. Captain Davidson's attention was specially directed to the repairs of the tanks, especially in Ramsar, where they had been made without foundations in bad soil, and where all the embankments were much shaken. The rubbee crop was very good, and the revenue of the year hardly suffered.

192. Major Lloyd.—Major Lloyd returned from furlough and took charge on the 12th July 1859, and on the 7th December he reported on the condition of the district and on the points raised by Captain Brooke's Report. Five villages had come under kham management in Ajmere and seven in Beawur. In three out of the twelve the recall of direct management had been to show that there was no actual loss, and these were resettled at Colonel Dixon's assessment. In the others a summary settlement was concluded for a less sum than that assessed, or they were held kham. The history of one of these kham villages may be given as a forcible example of the evil effects which sometimes followed Colonel

Dixon's method of assessment. The village of Akhri in the Ajmera pergunnah had been assessed by Mr. Edmostone at Rupees 650, the average collections for the previous ten years having been Rupees 608. Colonel Dixon constructed a tank in the village, which cost Rupees 10,813. The tank had been in full working order for several years before the 21 years' settlement and the highest collections ever obtained were Rupees 1,226. Colonel Dixon added 8 per cent. on the outlay of the tank to Mr. Edmostone's assessment which gave a standard assessment of Rupees 1,515. The actual assessment was Rupees 1,530. As long as Colonel Dixon lived, remissions were yearly granted, amounting in 1854 to Rupees 450, and in 1856 to Rupees 570. In 1857, the year of Colonel Dixon's death, the village became kham, and Rupees 889 were collected. Kham management was continued till 1871, the average collections of the years from 1857 to 1866 being Rupees 1,230 at two-thirds of the produce. In 1871 a farm was given of the village for Rupees 1,530, the old assessment. The farming lease has utterly ruined the village. The average gross collections of the farmer for two years were Rupees 1,285, and this he only obtained by screwing the last anna out of the people. In the year 1873-74 the people practically refused to cultivate. The earthworks on the railway had been started and the village preferred gaining a subsistence on them to working the soil for the benefit of the farmer. The village has now been assessed at Rupees 858, including Rupees 150 water revenue. Major Lloyd proposed to remedy the silting up of the weirs by two or three times ploughing deeply the dry beds of the streams during the hot winds. He remarks that the plan of making sluices was tried and abandoned by Colonel Dixon. In May 1860, after a lengthened tour through the district, he submitted a long and interesting report on its general condition and the measures he had adopted for its improvement. In comparing his recollection of the district from 1849 to 1853 with its state in 1860, Major Lloyd was struck with the signs of increasing prosperity which were discernible. Lands which he remembered covered with briars and low jungle presented sheets of luxuriant cultivation. New houses were springing up and the carefulness of the *petite culture* in Upper Mhairwarra excited his admiration. He formed the putwarees into circles, a measure commenced by Captain Brooke, and arranged for a systematic revision of the settlement records, and a fresh distribution of the revenue. As regards the land subject to submersion he made some temporary arrangements, and proposed to exchange it for common lands on the completion of his records.

193. *Seasons from 1860 to 1866.*—The rainy season of 1860 was a bad one. What rain fell fell in showers insufficient to fill the tanks before the end of August, and there was no rain in September. The khureef failed, and but for the favourable season in Marwar the district would have suffered as much as the greater part of the North-Western Provinces. The work of re-distribution of the revenue was held in abeyance and never recommenced. Major Lloyd made an estimate of the probable outturn in each estate and fixed the amount to be collected, the balance to be suspended and the sum to be remitted. Subscriptions for the relief of the distress were collected in Ajmere to the amount of Rupees 6,000, and charity was distributed through the principal Seths. Major Lloyd made over charge to his 1st Assistant, Major Davidson, on the 15th August 1862, and with him departed the idea that judgment was requisite in controlling the machinery of collection. The year 1862

was a year of extraordinary rain averaging 45 inches; the rain was spread over a long time and was not violent enough to damage the tanks. The khureef failed : the rubbee was magnificent. The revenue was collected in full and the scarcity which prevailed in the adjoining States kept prices very high. The rainy seasons of 1864, 1865, and 1866 were remarkable illustrations of the great value of the tanks, for without the tanks each of these years would have been one of considerable distress. In 1864 there was an average fall, but all the rain fell before the second week of August. In 1865 there was no rain until the second week in August, and it stopped in the second week of September; a few heavy showers, however, generally filled the tanks. In 1866 the rains began in the second week of August and fell continuously and lightly till the end of the month. In some parts the tanks were not filled, in others there were very heavy falls. There was a violent hail-storm in March 1867, which destroyed the crops about Beawur and many of the wells dried up owing to the deficient rain for three years. The revenue, however, was collected in full.

194. *Mr. Ridsdale, Settlement Officer.*—At the commencement of the year 1867, Mr. S. O. B. Ridsdale was appointed Settlement Officer in Ajmere and joined his appointment on the 12th January. The settlement did not expire till 1870 and Mr. Ridsdale was sent thus early into the field in order to provide for the instruction of the putwarees, and that all preliminary difficulties might be surmounted. Mr. Ridsdale writes that he found the putwarees entirely ignorant of surveying, while only one of them was acquainted with Nagri. Classes were formed for their instruction, but the work progressed but slowly; and it was not till November 1867 that the survey was commenced. A number of boundary disputes were decided, and in the case of several of the large villages, which consisted of a parent village and several hamlets, Mr. Ridsdale, with the sanction of the Board of Revenue, formed the hamlets into separate villages. On the 26th November 1868 settlement operations were closed on account of the famine which was impending. By this date a total area of 134,447 acres had been measured out of a total of 580,685 acres at a cost of Rupees 42,178. Owing to the changes caused by the famine, however, it was found necessary to have all this work done over again at the present revision.

195. *Major Davidson, Deputy Commissioner.*—The season of 1867 was a favourable one, the average fall at 15 stations was 21.5 inches. In the previous year the Deputy Commissioner had unnoticed introduced a most important change into the system of collecting the revenue. Hitherto the revenue had been collected from each individual tenant, through the lumberdar indeed, but by means of a Tehsil Chupprassie who assisted the lumberdar in summarily collecting the sums due. The system was a rough and ready one, but was suited to the tenure and had worked well. Major Davidson, however, now suddenly refused to allow the Tehsil Chupprassies to be thus employed. The headmen were reminded that it was their duty to distrain the property of those who neglected to pay their quotas, and that the only duty of Government was to collect the revenue from the headmen and to adopt processes of coercion against them should the revenue not be paid. A system of dastaks was introduced and 1,747 dastaks each charged with its fee were issued in 1866-67. Captain Repton succeeded Major Davidson in April 1868, and strictly adhered to the arrangements of

his predecessor. The putwarees were kept at settlement work and the aid of Tehsil Chupprassies was refused; 2,159 dastaks were issued in this year. The revenue was realized with difficulty and in eight villages it was eventually found necessary to concede the aid of a chupprassie for whom the village paid.

196. *Famine of 1868-69.*—The following year will long be memorable in Rajpootana as the commencement of the most disastrous famine, which within the memory of the existing generation had visited the country. Scarcity is seldom absent from some part of Rajpootana and it is chronic in the eastern part of Marwar and in Bikaner. In ordinary years of scarcity, the people in afflicted tracts taught patience by constant adversity, emigrate with their families and cattle to more favoured regions and return to their homes in time for the sowings of the succeeding year. It is only when both the south-western and north-eastern monsoon fail that a general and disastrous famine is experienced. Then Rajpootana, has hitherto been destined to the miseries of a terrible famine of the three great necessities of life—grain, grass, and water, called in the country a “*tirkal*” or treble famine. The first famine in Rajpootana, an account of which has been handed down in writing, occurred in the year 1661 A.D. The memorial of it is preserved in the beautiful marble bund erected at Kankrouli in Meywar at the expense of a million sterling by Maharana Raj Sing of Oodeypoor to save his people during the dire calamity. Other famines occurred in 1746, and in 1789, the latter of which is supposed to have exceeded in intensity even the terrible one of 1812, which is said to have lasted five years, and has gained the name of Panchkal. Three-fourths of the cattle died, and as stated in the record of the famine of 1661 man ate man. Large tracts of country were depopulated by the famine and traces of the devastation caused by it were visible in Ajmere at the beginning of British rule. Since the famine of 1812 no general famine had occurred in Rajpootana. There had been abundance of local scarcity, and, as has been already related, there was severe scarcity in Ajmere in 1819, in 1824, in 1823, and in 1848. The famine of 1861 which was so severe over the North-Western Provinces, only affected the eastern portions of Rajpootana including Jeypoor and Ulwur, and the countries dependent on the south-western monsoon including Marwar were blessed with a plentiful harvest.

197. For some years previous to 1863 the seasons had been irregular, and as we have seen the rainfall of 1864, 1865, and 1866 was very deficient in Ajmere. In 1864 the rains broke up very early and the khureef was only half an average crop; in 1865, the rains commenced very late so that all the early crops were lost and only half the latter crops were saved. In 1866 the rains were late and light, 1867 had been better than its predecessors, but the country entered on the famine with its stocks of grain exhausted.

198. The rainfall of 1868 was unfavourable from the commencement. The early rains of June were not sufficiently heavy to allow the cultivators to plough the land and put in the seed. From the 1st June 1868 to 1st June 1869, the average fall for all the stations of Ajmere-Mhairwarra was only 7.4 inches or about one-third of an average fall. The state of Jeypoor was as bad and at Jodhpoor no rain whatever fell during the rainy season or at least not enough to be measured by a pluviometer. The south-west monsoon failed entirely west of the Aravali. East of

the Aravali the rains fell only over the Indore Districts but did not extend over Central India and Bundelcund, the starving population of which provinces flocked into Malwa. In Guzerat a terrible flood in the early part of August swept all before it. The people saved themselves by getting on eminences and climbing trees, and the country was under water for days. Cattle and stocks of grain and fodder were swept away, and the element searched out and destroyed the stores of grain below ground. No rain fell subsequently and Guzerat itself had to undergo the hardships of scarcity. The north-eastern monsoon had equally failed and great scarcity overshadowed the North-Western Provinces. Ajmere was thus isolated in the midst of a famine tract; it had no supplies of its own, and owing to the utter failure of forage the price of which was in many places actually dearer than grain, no carts could travel, nor could the pack bullock of the Banjaras of which there are hundreds of thousands in Rajpootana and Central India traverse the country. The only means of transport which was available was camels. All the kafilas employed traders, however, cease, travelling in the rains, partly because no return loads of salt can be carried during that season, and partly because agreeably to the time-honoured custom of the country camels are then turned out to graze. No regular organization for the supply of grain by camels was attempted by the local Administration.

199. Towards the end of August 1868, emigration commenced from Ajmere-Mhairwarra. Wheat at this time was selling in Ajmere at 10 seers; barley, jowar, and grass were 12 seers per rupee. Such was the scarcity of fodder that cows were offered for sale at Rupee 1 each and good plough cattle at Rupees 10 a pair. No grass could be procured by the Cantonment of Nusseerabad. The horses of the Artillery Battery were sent away altogether, and the small cavalry detachment which remained had to fetch forage from Neemuch, a distance of 150 miles. Relief works were commenced, and in November 1868 the Deputy Commissioner who had either personally or through his subordinates visited every portion of the district, reported on the condition of the country. Half the cattle had been driven to Malwa owing to absence of fodder. The khureef had practically failed entirely. The water in the wells was scanty and had become so brackish that it was unfit for purposes of irrigation. In some places where the crops had sprouted, no grain owing to lack of moisture had been formed and the stalks had been cut to feed the cattle. The people were apathetic and entirely in the hands of the money-lenders who would make no advances. In January, February, and March 1869, 1-2 inches of rain fell, but there was no baranee cultivation, and the area under crop in the rubbee was confined to those localities where well-irrigation was procurable, for none of the tanks had any water. Mildew and hail-storms attacked the scanty crop and there was practically a total loss of both crops. The distress was intensified by the crowds of emigrants from Marwar who came with their herds in search of food and pasture, and who trenched considerably on the scanty supplies of food remaining and consumed the little grass in the district. Emigration from Ajmere-Mhairwarra now went on with re-doubled speed, and the people were reduced to the necessity of supporting themselves on the bark of the khejra tree and roots, which they mixed with grain and ground up to make bread. Poor-houses were now established and the country waited in eager expectation for the rains of 1869.

200. The hot season of 1869 was unusually protracted, and it was not till the middle of July that the long-looked-for rains set in, and the people were enabled to plough their fields. In many places where there were no cattle, the men making small ploughs for the purpose, yoked themselves in place of their oxen, and laboriously turned up a furrow, while the women dropped in the grain. There was hardly any rain, however, in August (only $1\frac{1}{2}$ inch was measured in Ajmere) and the distress now began to reach its culminating point, as the prospects of a khureef harvest gradually disappeared. Barks and roots even were scarce, and the mortality was frightful. A copious rainfall in September to some extent revived the hopes of the people, but these were soon destined to be dashed. Swarms of locusts hatched in Jeysulmere and Bikaner invaded Marwar, Ajmere, Tonk, and the northern parts of Meywar and devoured every green thing. The estimated loss was of maize 46 per cent., of jowar 56, of bajra 67, of cotton 58, of til 73, of pulses 84 per cent. Grain was literally not now procurable, barley was selling during the month of September according to the price lists of Ajmere at $5\frac{1}{2}$ seers; the highest price it reached was three seers, but men with money in their hands could not get food in the city of Ajmere. Importation from Bhawani and Rewari now commenced and convoys of camels coming for the Sambhur salt daily brought large supplies. In August 1869 an application was made to the Government of the North-Western Provinces to despatch grain from Agra, but the consignment arrived after grain had become cheap. At the close of the famine the Deputy Commissioner estimated the losses at 25 per cent. of the population of 426,000, at 33 per cent. of the cattle, and 50 per cent. of ploughs. Government had spent altogether Rupees 15,20,074, and of this amount 2,80,000 are calculated as having been given in gratuitous relief by Government.

201. Into the vexed question of the adequacy of the relief administration it is no part of the object of this sketch to enter. A full account of what was done will be found in Colonel Brooke's "Account of the famine in Rajpootana," which was published in the *Gazette of India* of the 25th February 1871. The District Officers did all that men could do, but no addition whatever was made to the ordinary district staff, and in August 1869 there was no grain in the country wherewith to feed the people who necessarily died. The rains of 1870 were rather below the average. Ajmere got 21 inches, Beawur 10·7, Todghur 10·8, but no rain fell after August. The Deputy Commissioner reported that the state of apathy and demoralization of the people, owing to the misery of the last two years, was such that nothing availed for the collection of the revenue, save active coercive measures and these except in two instances had been effectual. In Beawur this year seed wheat was selling at 5 to 6 seers per rupee, barley at 7 seers, gram at 4 seers, and was generally repayable with 100 per cent. interest. In Todghur seed wheat was selling at $2\frac{1}{2}$ to 3 seers, barely at $3\frac{1}{2}$ to 5 seers, repayable at 12 seers and 18 seers, respectively.

202. *History of collections during the famine.*—The history of the collections during the famine years may be briefly related. Though there was an utter failure of the khureef crop of 1868, yet the first instalment only was suspended; 2,152 dastaks were issued in this year, and the attachment of the movable property of the patels was resorted to. The patels were allowed the aid of chupprassies to realize the autumn instal-

ments from their co-sharers, for the rubbee they collected without assistance. The number of private sales and mortgages largely increased, and many mortgages are recorded to have been made in order to procure subsistence and to discharge the Government revenue. Yet in this year 4ths of the Government revenue were collected and the people borrowed the money to pay it. Rupees 42,000 were remitted and the balance by a procedure hitherto unknown in Ajmere-Mhairwarra added to the demand of the succeeding year. In that year when as we have seen locusts devoured more than half of a very indifferent khureef harvest, and when Government was feeding the agricultural population on the relief works, a sum in excess of the settlement demand was collected. In 1870-71 when seed grain was at famine prices and the country was struggling to recover from the effects of the famine, thirty villages and nearly all the largest ones were given in farm from the rubbee harvest for the amount of their arrears, some 40,000 Rupees. The Deputy Commissioner wrote that the people though quite capable of doing so declined to pay and anticipated the best results from the measure. The amount collected in this year was Rupees 2,13,160. In five villages the proprietors of their own accord transferred their engagements to lessees. The last three years present nothing particularly worthy of record. The revenue has been collected and the years have been average ones. In accordance with the orders of the Government of India in letter No. 116R., dated 3rd May 1872, summary settlements have been made in ten of the most distressed villages, five of which had been given in farm to Seth Rajmal who had lost heavily on his lease.

203. *Collections in Mhairwarra.*—In Mhairwarra it was found utterly impossible to collect the revenue during the famine years, and eventually the arrears have been remitted. A summary settlement was made for Mhairwarra from the year 1872-73, which was at a reduction of 32 per cent. on the settlement demand. The collections from Mhairwarra during the period of settlement are shown in the accompanying table for periods of five years :—

TEHSIL.	CIRCLE.	Average collections from 1861-62 to 1867-68.	Average collections from 1868-69 to 1869-70.	Average collections from 1869-70 to 1872-73.	Average collections from 1872-73 to 1873-74.
		Rs.	Rs.	Rs.	Rs.
Beawur . .	Beawur . .	55,579	51,686	55,387	84,9357
Ditto . .	Chang . .	10,164	10,241	10,689	6,256
Ditto . .	Shamghur . .	25,279	24,489	26,132	15,871
	Total . .	91,022	86,416	91,208	57,062
Todghur . .	Bhaolan . .	12,816	12,816	12,817	8,457
Ditto . .	Dawar . .	28,936	28,697	28,816	21,088
Ditto . .	Todghur . .	35,270	35,112	35,108	22,498
	Total . .	77,022	76,625	76,741	52,038
Grand Total .	Mhairwarra .	1,68,044	1,68,041	1,67,949	1,09,100

This table is instructive. The first period shows the favourable years after the settlement, during the second remissions were allowed. The revenue during the third period was rigorously collected, and the fourth period, which includes one year of the summary settlement, shows the average paid by Mhairwarra during the famine and subsequent years.

204. *Results of the Famine.*—The result of the famine has been to throw the district into a state of indebtedness from which it is doubtful if it will ever recover. The assessment has never been light, and the people have always been a cultivating tenantry, living from hand to mouth, and with no resources beyond those of the current harvest. It is much to be regretted that instead of removing Mr. Ridsdale at the time of greatest need, that officer had not been directed to conclude a summary settlement on the assets of the villages as deteriorated by the famine. Instead of this the Government revenue was rigorously exacted from men whom at the same time Government was feeding at the relief works, and who from the nature of the case had nothing wherewithal to pay. The experiment of farming the villages while it has conclusively proved how heavy the assessment was, has been productive of nothing but injury to the farmers and the cultivators. One effect which follows on every year of scarcity was specially observable in the district during the famine, and this is the opportunity which is given to the grain-dealers to secure what would otherwise be bad debts. There is always a large amount of unsecured debt which has descended from father to son, or consists of extortions of the grain-dealers which they could not recover in a Civil Court. A starving man is not overcautious as to what he puts his name to, and the grain-dealers found their opportunity in the necessity of the cultivators who, if they required food, were obliged to sign bonds or to mortgage their lands for the full amount which the grain-dealers stated was due to them. This process was very extensively carried out in Mhairwarra and especially in the Todghur Tehsil.

205. *Mortgages and Sales.*—The accompanying table shows the amount of mortgage debts found existing at the present revision of settlement in each assessment circle, as well as the sales which have taken place since last settlement. Many mortgages have no doubt escaped record, and many of them are of old standing and cannot be laid to the account of the famine, but the indebtedness on mortgage debts alone which exists in the district is sufficiently appalling, amounting as it does in all three tehsils to Rupees 11,55,437. The mortgages in the district are almost all of the usufructuary kind, but it is only in rare cases that the mortgagee takes possession of the land. The custom is for the mortgagor at the date of writing the mortgage bond to write what is called a "Gugri Khatt" covenanting to pay the mortgagee as rent yearly either so many maunds of grain per hundred rupees of the mortgage debt (generally ten to fifteen maunds), or, when cash is paid, from 50 to 18 per cent. interest on the mortgage debt is the sum stipulated for. The rent of the land bears generally no relation whatever to the value of the produce. In Mhairwarra there has been a kind of metayer system established between the mortgagee and the mortgagor; the grain-dealer gives half the seed grain and takes half the produce, the cultivator having to pay the Government revenue out of his share. I

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have assumed a rate of 24 per cent. as the average interest on the debt. The figures then go to prove that an annual sum of Rupees 2,77,328, or more than the net Government revenue, passes into the hands of the money-lenders. In Todghur Tehsil the amount of indebtedness is surprising, amounting as it does to an annual drain on the cultivators of three times the Government revenue. Besides these debts secured on the land, there are large sums due on unexecuted decrees by agriculturalists in the Ajmere-Beawur and Nusseerabad Small Cause Courts, and an unknown amount secured by bonds.

Statement of mortgaged lands and lands sold since last settlement.

CIRCLE.	Land mortgaged in acres.	Mortgage debt.	Interest on mort- gage debt at 24 per cent.	Area sold.	Amount of par- chase money.	Rate of mortgage debt per acre.	Rate of sale mo- ney per acre.
		Rs.	Rs.		Rs.	Rs.	Rs.
Ramsar . . .	4,056	87,789	21,095	1,329	19,801	22	15
Rajghur . . .	2,295	66,178	15,882	349	13,182	29	38
Gangwana . . .	2,593	40,241	9,658	400	5,409	16	14
Ajmere . . .	2,698	1,24,392	29,855	756	40,125	43	53
Pooshkur . . .	719	26,817	6,436	44	2,745	37	63
Total . . .	12,561	3,44,412	82,896	2,878	80,762	27	28
Beawur . . .	3,725	96,565	23,176	1,927	32,441	12	17
Chang . . .	473	19,016	4,561	37	2,200	40	39
Shamghur . . .	1,343	53,041	12,730	361	13,156	39	36
Total . . .	5,541	1,68,624	40,470	2,325	47,797	30	31
Bhaolan . . .	1,315	67,400	16,176	90	8,541	51	95
Dawer . . .	3,746	3,03,843	72,922	91	15,034	81	165
Todghur . . .	3,369	2,70,158	64,864	278	50,012	80	180
Total . . .	8,430	6,41,401	1,53,962	459	73,587	77	160
Total Mhairwarra . . .	13,971	8,10,025	94,432	2,784	1,21,385	58	44
Total Ajmere district . . .	26,532	11,55,437	2,77,328	5,662	22,147	44	36

206. *Instance of indebtedness.*—A particular instance will illustrate the state of indebtedness, and I take the village of Rasulpoura in Pergunnah Ajmere, composed half of Deswalis and half of Gujars, and

where there were no mortgages before the famine. The mortgage debts in the village are now Rupees 4,205. Half the *chahi* and more than half the *abi* is mortgaged; there is practically no *talabi*. In 32 beegahs the mortgagees are in possession; in 64 beegahs instalments have been agreed on for the payment of the mortgage debt, and bonds written accordingly and the owners are in possession; in 166 beegahs the owners are in possession and pay *gugri* which amounts to 195 maunds, and Rupees 48. The rate of interest was originally fixed much higher, but the *bunias* could not collect it, and as the people threatened to leave the district altogether if not relieved, the rent at first exacted has been much reduced. In one case when 18 maunds was stipulated as rent it had been reduced to three maunds. The village is a very poor one, and the *bunias* have been content to take here some 12 per cent. on their debt rather than lose their money. The village was assessed at last settlement at Rupees 732, and the present assessment is Rupees 572, yet in reality the produce of the village has to meet a demand of about Rupees 1,100 now, instead of Rupees 732 before the famine. A succession of good seasons may help the people out of their difficulties, but a succession of good seasons is a thing more to be wished for than expected in this part of Rajpootana. To protect the people against the *bunias* in the matter of these *gugri* bonds, and to ensure that the rent stipulated for shall bear some proportion to the produce of the land mortgaged, it has been deemed expedient to introduce a tenant law into the draft regulation on substantive law, which is now before the Government of India.

207. *Remarks on the system of collection.*—The history of collections has sufficiently demonstrated what was already abundantly clear, from a consideration of the tenure that a *mouzahwar* settlement cannot succeed in Ajmere-Mhairwarra. By the term *mouzahwar* I mean a settlement where the assessment is based on the average of good and bad seasons, and where the principle of joint responsibility is enforced in the collection of the revenue. The seasons present too great vicissitudes to allow of an equal annual demand being assessed, but this difficulty has been partially surmounted in the present revision by the assessment of water revenue (amounting in Ajmere-Mhairwarra to Rupees 55,432 out of Rupees 2,61,557) separately from the land revenue on the unirrigated aspect. The assessment on the dry aspect includes the assessment of well-land, but in each village where the tanks fail to fill, the water revenue will be remitted each year. The principle of joint responsibility has not been formally abolished, for cases may arise (though the cultivated area cannot be largely increased in any village) in which it would be just to enforce it. Its evils, however, have been reduced to a minimum. All well known and recognized divisions of a village have been allowed to choose a headman and to each cultivator has been permitted the option of deciding through which of the *patels* he will pay his revenue. The total amount payable through each *patel* has been added up, and a list of each headman's constituents given to the headman and filed with the record. Thus in a village paying Rupees 1,000 there may be five *patels*, two responsible for Rupees 250 each, one for 200, one for 125, and one for Rupees 75. The *Tehsildar* knows exactly how much he should collect from each *patel*, and if the representative of any *thok* or *patti* cannot be made to pay, very valid reasons indeed should be adduced

before the representatives of the other divisions of the village should be called on to make good the deficiency. *Prima facie* in such a case the sum should be remitted. In the draft Regulation on substantive law it has been proposed to abolish the power of distraint now possessed by headmen but never exercised, and to allow each patel summarily to sue defaulters among his constituents in the Court of the Tehsildar. Here the causes of default must be enquired into, and it is provided that the Tehsildar after giving a decree shall himself proceed to execute it on the verbal application of the headman. If the decree is impossible of execution, he shall report to the Deputy Commissioner who shall give orders for the arrear being collected from the representative, or for its being included in the list of remissions or suspended balances. In all ordinary years the headmen will collect, but if any difficulty arises, the Tehsildar is forced to enquire into its causes, and if he cannot collect it from the defaulter, to give his reasons for further action. If this system is fairly worked and it is simple enough, the difficulty of collecting the revenue will be much reduced, and an assurance will be obtained that the remissions which may be sanctioned reach the actual sufferers.

208. *History of Prices.*—The history of prices during the last 55 years shows that high prices and low revenue are generally co-existent. Prices were high in the first year or two of our rule, less from deficiency of produce than from the demand of the adjoining States which were suffering from the devastations of Ameer Khan. Since then deficiency of produce has been the main cause of high prices. Any system of assessment, therefore, founded on the prices of grain and rising as they rise, is quite impracticable in this part of India. The difficulty of rescuing the people from the debt which now weighs them down is enormous. In the case of the istumrardars Government has cut the knot by itself liquidating the debts and taking a moderate interest from the indebted Thakoors, but this could not be proposed in the case of the petty owners of the khalsa. Something might be done by the establishment of Savings Banks on a popular basis, but these would be only useful after the people had got out of debt, and when the bunias could not touch their little hoards. At present the Civil Courts allow of no savings. The whole population is in debt, and their creditors leave the people a mere subsistence. In going through a village when the crop is ripe, one is sure to meet a Civil Court Mazkuri Peon. His duty is to prevent the owner of a field touching a blade of the produce. When the crop is fit for the sickle, the Government revenue is first discharged, and the remainder swept into the coffers of the grain-dealer, who allows the cultivator merely enough to prevent him abandoning the ungrateful task of cultivating. A provision has been inserted in the substantive law, forbidding the Civil Courts to decree a higher amount as interest than the amount of the original principal. An ordinary rate on loans is that known as "Shakh Siwaya" or 25 per cent. per harvest, equal to 50 per cent. per annum. The proposal to establish a State granary at Ajmere and to take the revenue from the worst villages in kind, might not be undeserving of consideration, but that the Railway now nearly completed from Agra to Ajmere, and which is destined to be extended to Bombay, will rescue the district from its isolated condition and prevent the recurrence of any such calamity as that of the years 1868 and 1869.

CHAPTER VIII.

Crops and value of produce.

209. The accompanying Statement shows the acreage of the various crops on the ground during the year of measurement, and is an attempt to estimate the average produce of each tehsil and its total value. The acreage under crops includes do-fusli land or land growing two crops, and the price currents on which the calculation has been framed are the averages of the actual prices current at each Tehsil for the last 21 years. The prices actually ruling now are slightly higher than the averages in which have been included the years of famine, but I have preferred to leave the averages as they are than to strike other ones. Prices have been falling steadily since the famine, and the result of the advent of the Railway will be to keep them permanently at a rate slightly above that prevailing in the Agra market, but lower than the normal rates of the district.

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210. The estimate of the average produce has been founded more on the estimate of the average produce of the crops of the last season.

		AJMER TENSIL.					BRAWUR		
CROP.		Area in acres.	Average produce per acre.	Amount of produce.	Average price current.	Value in Rupees.	Area in acres.	Average produce per acre.	Amount of produce.
			M. S.	M. S. Per Rupee.	M. S. C.	Rs. a. p.		M. S.	Rupees. M. S. C.
FIRST CLASS.	Sugarcane	202	8 0	2,336 0	0 8 0	11,880 0 0	5	Per acre	Rupees.
	Poppy	69	3 30	268 30	0 10 0	1,035 0 0	551	M. S. C.	80 21 8
	Vegetables	353	per acre.	Rupees.	37 0 0	10,620 0 0	53	Per acre.	Rupees.
	Melons	287	"	"	25 0 0	7,175 0 0	43	"	"
	Lucerne grass	9	"	"	100 0 0	900 0 0	13	"	"
	Pepper	30	3 0	117 0	0 3 0	1,500 0 0	5	4 0 0	20 0 0
	Tobacco	57	10 0	570 0	0 10 0	2,280 0 0	62	10 0 0	620 0 0
	Onions	20	18 0	360 0	2 0 0	150 0 0	...	...	...
	Besca	14	20 0	280 0	0 10 0	1,120 0 0	...	...	...
Total		1,141	...	...	...	36,550 0 0	732	...	...
SECOND CLASS.	Cotton { Irrigated	5,215	4 10	22,103 30	0 8 0	1,10,918 12 0	1,077	4 0 0	6,709 0 0
	Cotton { Dry	602	1 10	742 0	0 8 0	3,700 0 0	350	1 10 0	445 0 0
	Maize { Irrigated	6,177	10 0	61,770 0	0 22 0	1,32,600 1 6	8,182	10 0 0	81,820 0 0
	Maize { Dry	595	1 20	1,312 20	0 22 0	2,440 14 7	1,602	2 0 0	3,001 0 0
	Wheat { Irrigated	2,617	7 20	18,877 20	0 16 0	47,191 12 0	1,238	7 0 0	8,853 0 0
	Wheat { Dry	87	1 0	87 0	0 16 0	217 6 0	10	1 0 0	16 0 0
	Barley { Irrigated	10,076	10 0	1,00,760 0	0 24 0	2,67,916 10 8	13,897	10 0 0	1,34,870 0 0
	Barley { Dry	809	2 0	1,218 0	0 21 0	2,010 0 0	957	8 0 0	2,865 0 0
	Betar	1,490	6 0	8,976 0	0 21 0	13,060 0 0	470	6 0 0	2,820 0 0
	Gajee	602	7 10	3,619 20	0 21 0	4,032 0 0	851	7 0 0	3,980 0 0
	Gram	8,180	2 20	20,373 0	0 23 0	35,131 12 0	1,284	2 20 0	3,240 0 0
	Rice	60	4 0	276 0	0 8 12	1,201 11 6	123	10 0 0	1,210 0 0
	Hemp	...	...	...	...	...	200	2 0 0	534 0 0
	Sarsoon	7	1 10	8 30	0 12 0	20 2 6	121	1 10 0	156 0 0
	Unown	120	...	...	...	...	...	...	...
Total		42,517	...	...	...	6,05,241 11 8	30,602	...	...
THIRD CLASS.	Jowar	20,101	2 20	65,402 20	0 23 8	1,11,323 0 6	5,207	3 3 0	16,100 0 0
	Bajra	12,105	2 20	30,420 0	0 10 12	61,010 2 0	4,215	2 30 0	12,830 25 0
	Moong	2,218	2 30	6,060 0	0 10 12	11,608 16 0	1,490	5 22 8	8,203 36 0
	Moth	10,000	2 30	29,511 20	0 20 0	58,826 0 0	1,185	5 0 0	6,023 0 0
	Mash	166	1 20	212 20	0 10 0	681 4 0	10	5 0 0	878 20 0
	Kangal	33	3 0	100 0	0 13 4	204 11 0	47	5 0 0	235 0 0
	Til	13,730	1 10	17,170 0	0 11 0	62,138 5 10	3,207	5 0 8	18,603 36 8
	Linseed	30	1 10	37 20	0 11 0	140 5 10	...	...	...
	Gwar	623	4 0	2,492 0	1 0 0	2,492 0 0	42	0 10 0	202 20 0
	Indigo	4	0 3	12 0	0 0 8	24 0 0	...	...	...
	Chaulia	401	4 0	1,604 0	0 20 0	3,232 0 0	907	7 20 0	5,227 20 0
	Maddoon	11	1 3	15 0	0 20 0	30 1 7	3	5 0 0	16 0 0
	Kuluth	1,385	2 0	2,770 0	0 26 0	4,201 8 7	1,132	5 0 0	5,060 0 0
	Unown	427	...	...	...	...	1,300	...	...
Total		68,051	...	...	...	3,19,810 15 9	18,837	...	...
GRAND TOTAL		1,11,712	...	...	...	9,61,014 11 6	50,071	...	...

AJMER AND BHAIHWARA DISTRICTS.

TAKSHIL.

TONGHUR TAKSHIL.

AJMER

Average price current.	Value in Rupees.	Area in acres.	Average produce per acre.	Amount of produce.	Average price current.	Value in Rupees.	Area in acres.
<i>Rt. a. p.</i>	<i>Rt. a. p.</i>	<i>M. S.</i>	<i>Per acre.</i>	<i>Rupees.</i>	<i>Rt. a. p.</i>	<i>Rt. a. p.</i>	
35 0 0	175 0 0	58	0 7 4	404 0 4	50 0 0	2500 0 0	355
Per acer.	32,108 3 8	2,229	Per acer.	Rupees.	Per acer.	1,06,851 10 0	3,849
8 15 10	1,580 0 0	55	"	"	8 8 0	1,060 0 0	463
30 0 0	1,075 0 0	4	"	"	30 0 0	100 0 0	334
25 0 0	650 0 0	.....	"	"	25 0 0	.....	22
50 0 0			"	"	.....	.....
M. S. C.	125 7 11	30	4 0 0	144 0 0	0 7 0	223 13 9	80
Per mand.	6,338 5 8	9	7 20 0	67 20 0	S. C.	270 0 0	128
10 3 7					10 0		
.....	.....	.....	.....	.....	.....	.....	20
.....	.....	.....	.....	.....	.....	.....	14
.....	42,143 0 10	2,391	.....	.....	.....	1,11,794 7 9	4,264
M. S. C.	33,540 0 0	262	5 10 0	1,375 20 0	13 8	4,671 6 2	7,154
0 8 0	2,225 0 0	117	2 0 0	231 0 0	13 8	483 15 4	1,065
0 8 0	1,15,077 7 6	6,617	12 20 0	32,713 20 0	31 10	1,04,616 0 7	20,076
0 23 7	4,225 6 6	1,387	3 20 0	4,501 20 0	31 10	5,635 13 3	3,681
0 18 6	19,336 12 8	1,081	10 0 0	10,810 0 0	20 5	21,257 6 2	4,867
0 18 6	34 13 3	13	1 20 0	19 20 0	20 5	38 6 5	116
0 23 5	1,98,180 0 5	6,450	12 20 0	80,737 20 0	30 8	1,05,856 4 0	86,421
0 23 5	4,047 11 0	686	3 0 0	2,053 0 0	30 8	2,634 14 8	2,250
0 23 5	3,694 1 8	.....	.....	.....	.....	.....	1,900
0 18 6	5,851 7 10	75	7 0 0	525 0 0	24 0	587 10 8	961
0 25 0	5,038 10 1	105	3 0 0	315 0 0	26 0	434 10 8	0,543
0 7 6	9,671 3 0	295	10 0 0	2,960 0 0	20 5	5,850 3 8	457
0 23 5	760 1 5	1	2 20 0	2 20 0	32 0	3 2 0	270
0 20 13	297 14 6	23	2 0 0	40 0 0	28 8	64 9 0	164
.....	.....	.....	.....	.....	.....	.....	320
.....	3,97,306 9 11	17,021	.....	.....	.....	2,62,362 15 7	80,040
Per Rupee.	26,510 1 6	2,420	4 0 0	9,680 0 0	Per Rupee.	14,611 5 2	33,548
0 24 7	21,342 15 8	431	2 0 0	602 0 0	24 4	1,422 13 10	16,864
0 23 8	18,826 3 1	849	3 0 0	2,654 0 0	20 5	5,089 11 8	4,552
0 23 4	10,163 15 0	76	3 0 0	223 0 0	25 0	351 12 4	11,957
0 18 14	2,073 10 3	327	2 0 0	664 0 0	23 4	1,125 2 7	672
0 28 5	333 0 1	82	4 0 0	128 0 0	25 0	205 12 8	112
0 12 14	52,898 14 0	1,254	2 20 0	3,135 0 0	17 10	7,114 14 5	18,257
.....	.....	.....	.....	.....	.....	.....	30
0 28 5	370 11 4	.....	.....	.....	.....	.....	665
.....	.....	.....	.....	.....	.....	.....	4
0 21 10	9,669 5 0	590	2 0 0	1,160 0 0	22 2	2,133 0 11	1,691
0 28 5	21 3 2	67	4 0 0	261 0 0	20 5	407 6 7	84
0 24 7	9,284 7 3	2,569	4 0 0	10,360 0 0	31 0	13,124 7 0	5,108
.....	.....	831	.....	.....	.....	.....	2,064
.....	1,51,003 6 10	8,965	.....	.....	.....	45,504 0 3	95,856
.....	6,90,455 1 7	28,377	.....	.....	.....	4,09,451 7 7	1,90,160

210. The estimate of the average produce has been founded more on the results of inquiry among the cultivators and inspection of jaghiredars and farmers' accounts than on actual experiments of cutting and weighing the produce. Such experiments were made by Mr. Ridsdale in 1868 and by myself in 1872 and 1873, but the results gave such unaccountable variations that the method was abandoned as untrustworthy. To obtain anything like a true average in this way, the trials should extend over large areas and a series of years. None of the higher officials have leisure to superintend more than a few experiments, and it is impossible to make the lower grades of officials careful and to prevent the best fields only being chosen. The weight of grain depends a good deal on the time when it is cut, that cut early in the year being much heavier than that cut later; yet no one can tell the exact deduction which should be allowed on this account. The experiments, however, are useful as a test, and they go to prove that the best well-irrigated land will give about 20 maunds of barley or maize and 15 maunds of wheat per acre. The amount which has been assumed as the average in Ajmere is exactly half of this.

211. The crops have been divided into three classes, the first comprising sugarcane, poppy, and what may be called garden produce; the second consisting of the main staples which are sown in irrigated land, or in land submerged in the tanks; the third comprising the grains which are sown almost exclusively in unirrigated land. In Ajmere the barani area is 74,256 acres, the area of crops of the third class is 68,054 acres, and if the area of unirrigated cotton, maize, wheat, and barley be added, there are about 4,000 acres of unirrigated land occupied by gram and bejar, which are generally sown in abi land. In Beawur the barani area is 19,840 acres, that of Todghur is 8,933, closely approximating to the area of the third class. The classification, therefore, shows pretty fairly the graduations from fully irrigated to unirrigated crops, the intermediate class being of those crops which generally are irrigated, and in the four crops of cotton, maize, wheat, and barley, the unirrigated area is separately sown, bejar, goji, and gram are generally grown in abi land.

212. It will be seen that the chief crops of the district are barley and jowar which occupy respectively 20 and 17 per cent. of the crop area. Maize occupies 13 per cent., til and bajra occupy 9 and 8 per cent., respectively, and after these at a considerable interval comes cotton with 8,219 acres, and gram with 9,543. The cultivation of sugarcane is confined in Ajmere to the Pooshkur valley where it is grown without irrigation, and where a crop is taken for three consecutive years without re-sowing. In the jaghire villages of this circle Rupees 10 per acre is the regular rent paid for sugarcane. The rates of rent in the jaghire estates, where except in the case of sugarcane, maize, and cotton, the revenue is taken in kind, are generally equivalent to one-fourth the produce, and this would make the produce worth about Rupees 40 per acre. The cultivation of melons is almost exclusively the occupation of a particular caste called Keers, and is chiefly carried on in the sandy beds of nullahs as at Saradana in Ajmere, and at Saindrah in Beawur. The Keers do not pay more than Rupees 2 a beegah or Rupees 5 an acre to the village community, and in Beawur the rate is generally one Rupee a beegah. Poppy is not made into opium in the Ajmere District, but sold under the form of poppy-heads. In Beawur and Todghur the juice is extracted in the usual toilsome manner by a number of incisions on

the head of the plant. It will be seen that the price current of Beasur differs considerably from that of 'Todghur, which is to be explained by the fact that in Todghur the price current is that of the raw juice called "dudh." This is either sold on the spot to bunias or carried by the people themselves to Palee, where it is manufactured into opium. As has been pointed out in the following chapter, nearly the whole of the opium produce may be considered an export trade.

213. Jowar is grown almost entirely in unirrigated land, and is a very different crop from the jowar of the North-Western Provinces, where it is generally irrigated and manured. Here it is stunted and seldom more than five feet in height, the stalks are thin and the heads small. Except in the Todghur Tehsil, the barani land of the district is very poor and possesses hardly any value. It is for the most part, partially disintegrated rock, and if there is a lengthened break in the rains, as is very often the case, the crop sown on it dries up. There was an abnormally large amount of land sown in the year of measurement. Bajra in this district gives much the same outturn as jowar, and is very inferior to the bajra of Marwar. The til in Ajmere-Mhairwara is sown by itself, and it and the remaining crops of the third class have both a small and uncertain outturn.

214. It is more difficult to arrive at a fair average outturn for crops, such as cotton, maize, wheat, and barley which are grown in chahi, talabi, abi, and barani land, and for these four staples I have made a separate estimate for the unirrigated area, though the abi has been included in the irrigated. The result of the investigation in the North-Western Provinces into the outturn of cotton for 1873-74 points to about 90 lbs. of cleaned cotton, or 3 maunds 30 seers of kupas as the average outturn per acre. There can be no doubt that the outturn of the crop in the Doab, where cotton is chiefly grown in the Barah and Munjah fields around the village side, is much larger than the outturn of Ajmere. Still the present estimate is 4 maunds 10 seers in Ajmere and 5 maunds 10 seers in Todghur of uncleaned cotton, or considerably more than the North-West average. It seems to me there can be little hesitation in believing the latter calculation to be erroneous. In the jaghire villages where rent or revenue (for the two terms are synonymous in the jaghire) is taken according to the crop, Rupees 2-10 a beegah, or Rupees 6-9 an acre, is the ordinary rate paid for land on which cotton is grown, and if the expenses of cultivation which may be taken at two-fifths of the total value of the produce be added, it is clear that it would not pay any man at present prices to cultivate the crop if the value were only Rupees 15 or 16 per acre. Yet it is notorious that the crop does pay and the people themselves seldom speak of less than 8 or 9 maunds of uncleaned cotton for a good crop. The estimate has been made in uncleaned cotton as the cultivators do not themselves clean the cotton, but make it over as picked to the merchants. The outturn of wheat, barley, and maize may be discussed together. The irrigated area of these crops includes chahi, talabi, and abi land, but the outturn of these three classes is by no means equal, nor is the outturn of the land in each class anything like the same. It is only in the most favoured valleys that the wells have a permanent supply of water, while in years of unfavourable rain many on the high grounds dry up entirely. It has been sufficiently shown elsewhere that the value of tank-land depends on the capacity of

each tank, and this varies from full irrigation to no irrigation for the rubbee. Maize is a very precarious crop, and is often entirely drowned. Barley is largely grown in abi land, which round the margins of the tanks is little better if at all than unirrigated land. Taking all these facts into consideration, the estimate framed is not, I believe, too low.

215. The value of the average produce of Ajmere-Mhairwarra is thus estimated at Rupees 19,61,524. In this estimate is not included the value of straw and "bhoosa," but in this district the value is almost nominal. There are no large towns which have a demand for this produce, and what is sold in the towns is brought in on men's heads from the adjacent villages and sold at four annas or so a bundle without being weighed, and the rate does not more than cover the wages of the carriers. In the villages straw and bhoosa is wasted. Grass lands are abundant in every village, and grass is regularly cut in most villages. The cattle thrive better on it than on the less nutritious bhoosa, and as long as they have grass the people do not use bhoosa at all.

216. The prices current on which the calculation has been made are the market rates; but the price at which the cultivator has to sell his produce is much lower than these. On the whole about 10 per cent. should be deducted from the estimate on this ground. Allowing for bhoosa, however, the value of the average produce to the cultivators may be stated at Rupees 18,00,000. The assessment of the whole district is Rupees 2,61,557 without cesses, or with cesses Rupees 3,04,593. The incidence of the assessment, however, is discussed at full in a subsequent chapter.

217. *Number of owners and tenants.*—The accompanying Statement shows the number of owners and tenants and the number of holdings in each assessment circle. The number of holdings in Ajmere is 18,278, giving an average of nearly six acres per holding:—

Serial Number.	CIRCLE.	NUMBER OF OWNERS.		NUMBER OF CULTIVATORS (tenants).	NUMBER OF HOLDINGS.			CULTIVATED AREA.	
		Cultivating.	Non-cultivating.		Held by owners.	Held by mortgagees.	Held by tenants.	Owners and mortgagees.	Tenants.
1	Ramsar	7,052	558	1,758	4,495	1,807	1,459	28,164	4,627
2	Bajghur	3,208	146	892	1,342	486	757	16,323	4,470
3	Gangwana	3,491	207	931	1,947	537	611	21,832	4,910
4	Ajmere	2,877	363	947	1,878	1,299	841	17,530	4,122
5	Peoshkur	791	31	286	398	180	136	3,710	1,028
	Total	17,332	1,307	4,764	10,660	3,809	3,804	90,864	18,556
1	Beawur	4,423	704	1,412	4,009	1,666	1,103	22,396	4,759
2	Chang	1,015	436	445	1,332	504	364	4,103	635
3	Shamghur	3,170	806	782	2,539	1,406	716	8,497	1,376
	Total	9,210	2,036	2,580	7,874	3,576	2,183	34,996	6,770
1	Bhaolan	1,028	...	954	1,892	2,429	1,166	2,927	1,122
2	Diwer	5,496	29	1,778	2,974	6,167	1,960	5,595	2,200
3	Todghur	6,553	28	1,535	3,097	6,192	4,448	6,896	1,990
	Total	16,077	57	4,267	8,863	14,788	7,569	15,418	5,312
	Total Mhairwarra ..	25,237	2,093	6,847	16,737	18,364	9,752	56,414	12,082

In Beawur there are 18,638 holdings giving an average of two-thirds of an acre only. This last result is due to the enormous number of mortgaged holdings, which however are not really separate holdings, as the mortgagee allows the mortgaged fields to be cultivated by their owners. The number of owners and tenants, however, in Todghur is 20,401, so that there is just one acre per sharer of cultivated land. Sub-division can hardly go much further.

218. *Average profits of a cultivator.*—With the aid of this statement, the crop statement, and the statement of indebtedness given in the preceding chapter, it becomes possible to make an attempt to calculate the average profits of a cultivator in each Tehsil. The value of the average outturn is assumed to be that shown in the crop statement less 10 per cent. : from this must be deducted the Government revenue with cesses, the cost of production including the subsistence of the husbandman, and interest on mortgage debts. The balance will be the net profit or income of the agricultural classes in Ajmere. The cost of production has been variously stated. In Mr. Hume's Cotton Report the details showing the total value of the produce of several food-crops work out to about half the value as absorbed by the cost of production. In old times Government used to take one-half the produce from the cultivators, who probably had then but little more than the means of subsistence, but one-half is a high estimate for the cost of production, and two-fifths cost and three-fifths residue is perhaps nearer the truth. The account will then stand as follows:—

Ajmere.

Value of produce.		Deductions.
<i>Rupees.</i>		<i>Rupees.</i>
8,66,454	Revenue . . .	1,66,862
	Cost of production . . .	3,36,182
	Interest . . .	82,896
		<hr/>
		5,85,440

leaving a balance of Rupees 2,80,014 to be divided among 23,403 owners and cultivators, thus giving Rupees 12 per annum to each sharer.

Beawur.

Value of produce.		Deductions.
<i>Rupees.</i>		<i>Rupees.</i>
5,31,412	Revenue . . .	75,142
	Cost of production . . .	2,12,564
	Interest . . .	40,470
		<hr/>
		3,28,176

leaving a balance of Rupees 2,03,236 to be divided among 13,826 owners and cultivators, thus giving Rupees 14 per annum to each sharer.

Todghur

Value of produce.		Deductions.
<i>Rupees.</i>		<i>Rupees.</i>
3,68,506	Revenue . . .	63,089
	Cost of production . . .	1,47,402
	Interest . . .	152,963
		<hr/>
		3,64,453

leaving a balance of Rupees 4,058 only to be divided among 20,401 cultivators and tenants.

219. The average profits of the agricultural classes are thus Rupees 4,87,303, and in Todghur where the land is as a rule mortgaged, and where the mortgagors pay generally one-half the produce to the mortgagees and discharge the Government revenue besides, the people are a hand-to-mouth peasantry, with a mere subsistence and with no resources beyond those of the current harvest. In Ajmere and Beawur there is a certain amount of profit, but the produce of talabi land is a fluctuating item, and if there is no rain there will be no produce. In a bad year the profits will be nearly all absorbed by the loss of produce on talabi land. In Todghur the produce is much more constant as it depends on wells. The results are certainly provocative of criticism, but there is no doubt that the people have no accumulations. The number of owners includes nearly the whole male population, and in Todghur at least they are much too numerous for the soil.

220. The income of the landowners in the district is no doubt supplemented by the profits on the common pasture land of the village; they can get wood for fuel and for agricultural implements free of cost, but they make but little profits; they are overwhelmed with debt, and each year of scarcity increases the amount of debt, until practically the land no longer belongs to the recorded proprietor.

CHAPTER XI.

Trade, Manufactures, and Education and Institutions.

221. *Ajmere Trade.*—The city of Ajmere was in ancient times an entrepôt for the trade between Bombay and Upper India, and a factory was established here in the early years of the East India Company subordinate to that of Surat. The position of the district must always render it a mart for Rajpootana for the produce of Upper India and of the Bombay Presidency, including European goods; but the province itself has no manufactures and produces but little in excess of its own consumption. What import and export trade there is, is almost entirely a transit trade, and an import trade can only exist in proportion as the province has something to offer in exchange.

222. The transit trade of the district is carried by camels and Banjara bullocks, and till recently was much hampered by customs and duties. There was a transit duty, an export duty, town duties, and a tax called muppa. During the last years of the Mahratta rule the customs were farmed for Rupees 31,000, and the taxes were retained in their integrity by Mr. Wilder. Muppa was the most vexatious tax, and was the duty levied on the sale of every article in every village. Originally it was levied at the rate of Rupee 1-6 per cent. from persons not residing in the place in which the articles were sold, so that the every day transactions between the inhabitants of the same place were exempt, and the burden fell on what may be called the external trade of the village. The chief innovation introduced by Mr. Wilder was to levy the transit duty on the maund instead of on the bullock or camel-load as had before been customary, but his successor, Mr. Cavendish, introduced other provisions which still further fettered trade. He extended the muppa

tax to all towns as well as villages, and to the transactions between the inhabitants of the same place, and raised the rate to 2-6 per cent. He established a new duty in the towns of Ajmere and Kekree on the sale of sugar, tobacco, rice, and ghee, and for the transit trade introduced a system of rawanahs which fell with unmitigated severity on all but the richer merchants. No goods were allowed to enter the district without a pass, and all the merchants were required to file a petition to take out that pass, and again on the arrival of the goods within the precincts of the district or at the city of Ajmere, to subject them to examination and weighment, and thus prove their exact identity with the species and quantity mentioned in the rawanahs. In order to prevent their goods being stopped on the frontier, the mercantile firms at Ajmere were obliged to obtain from their correspondents previous information of any despatches of goods particularizing every article, and then a pass had to be procured and sent to meet the goods on the frontier. On the recommendation of a Committee in 1836, Government abolished this system and restricted the customs taxes to a transit duty to be levied once for all on the import of foreign goods into the district, whether intended for domestic consumption or re-exportation. To avoid vexatious inquiries the tax was directed to be taken on the bullock or camel-load at a fixed sum.

223. These orders do not appear to have been acted on, for many of the old abuses seem to have been as rife as ever in 1859 when the Deputy Commissioner complains that if a cultivator in a village a mile from Ajmere wishes to sell a seer of ghee in the city, he has to procure a pass from the Customs Agent in his village, stating his name and abode, and specifying the goods taken for sale. On arrival at the town he must have his goods examined again to see if they agree with the pass. An export duty was still levied. In 1860 Government sanctioned other reforms all in the direction of the orders of 1836. Export duties were abolished and the customs tax remitted on 18 articles, while the duty on 17 articles was considerably reduced. The whole district was consolidated into one circle, whereby the separate duties formerly levied in Mhairwarra and the pergunnah of Sawar ceased. By these reforms the dutiable articles were reduced to 37, of which the duties on cotton, ghee, salt, tobacco, clothes, blankets, and opium chiefly affected the produce of the district. The revenue from the customs before 1860 averaged about one lakh, and from that year till 1868 averaged about Rupees 1,12,000. In 1869 customs were entirely abolished and all trade is now free as far as Ajmere is concerned. Each Native Prince, however, still levies transit dues in his own territory, but the opening of the Railways now in progress will probably invest the transit duties of Rajpootana with a merely historical interest.

224. The trade of Ajmere city has of late years fallen off considerably owing to the development of the towns of Nyanuggur and Nusseerabad and the pressure of the octroi in Ajmere. There is no suitable bonded warehouse in Ajmere. In Beawur, the only other municipal town in the district, there is a good bonded warehouse, but the merchants in both the towns prefer to pay the octroi and assert that the trade is not sufficiently large to warrant their leaving their goods elsewhere than at their own godowns.

225. The import trade of Ajmere city is estimated for the year 1873 at Rupees 11,44,000, of which sugar and cloth of all kinds are the chief items. European cloth is estimated at Rupees 3,00,000, of which about half is re-exported. Country cloth and sugar are about equal in value and are estimated at Rupees 1,00,000 each. The greater part of the sugar is re-exported to Meywar. It comes almost entirely from Bhawani in Hissar. Hardly any sugar is grown in Rajpootana, and this trade employs large droves of camels who return empty to Sambhur about 50 miles, and thence take return loads of salt for Upper India. A great deal of the Meywar trade is now carried direct from Bhawani and Rewari, and the goods are not unloaded at Ajmere. The export trade of Ajmere city is estimated for 1873 at Rupees 6,05,189.

226. *Beawur trade.*—The new town of Beawur is rapidly absorbing the greater part of the trade of the district, and is becoming the exclusive entrepôt of the cotton trade. The camels which bring down sugar from Hissar for Meywar are laden with cotton at Beawur, and despatched to Ahmedabad whence they return with European cloth, cocoanuts, and other articles of minor importance. The cotton is packed in loose bales of about three maunds weight each, and two of these form a camel-load. It apparently does not pay to press the cotton, for though there are two presses in Beawur, one belonging to the Municipality, they are hardly if ever used. The value of the cotton exported in 1873, as nearly as can be ascertained from the merchants, was about Rupees 12,00,000, and of this amount 8½ lakhs is stated to be the produce of Meywar. There is also an export trade of grain in most years from Meywar to Marwar which passes through Beawur. Marwar, however, is too poor to import according to its needs, and in years of famine the people have no other resource but to emigrate to more favoured countries. The exports of Beawur are estimated at Rupees 19,27,000, the imports at Rupees 23,19,170.

227. *Exports from the district.*—It is difficult to form even an approximate estimate of the value of the exports from the district itself. The istumrar estates have never been measured, and there are no returns of the crops grown in this portion of the Ajmere District. The exports consist of grain, cotton, and opium. Without returns of the area under grain-crops in the istumrar estates, which in area exceed one-half of the Ajmere District, it is impossible to calculate how much more grain is produced in average years than is necessary to supply local consumption. In the longitude of Ajmere the harvests are so precarious that the grain trade observes no fixed rate. Some estimate, however, may be given for cotton and opium. The area measured under cotton at the recent settlement in the khalsa villages of Ajmere-Mhairwarra is 8,219 acres, and the estimated produce of the crop is 31,665 maunds of uncleaned cotton. Allowing two seers per head for local consumption, the annual amount retained at home by the inhabitants of the khalsa villages is 6,785 maunds, leaving a surplus to be exported of 26,576 maunds; the value of which is Rupees 1,29,400. Cotton is largely grown in the istumrar estates, the soil of which is much more suited for it than that of the khalsa, and adding the jaghire villages, the value of the export trade may be set down at about 3½ lakhs, or the amount at which it is estimated in the trade returns of Beawur.

228. The area measured under poppy in the khalsa villages of Ajmere-Mhairwarra is 2,849 acres, and the crop is valued at Rupees

1,39,233. Almost the whole of this is exported to Pal in Marwar, as of the whole area under crop 2,229 acres are in the Todghur Tehsil. There is comparatively little opium grown in the isthmus estates, and the value of the export may be assumed at a lakh and a half.

229. *Manufactures.*—Ajmere possesses no manufactures deserving of special mention, with the exception perhaps of the salt-panns of Ramsar Pergunnah. The salt which in years of heavy rain exudes abundantly from the soil is scraped up and thrown into large pans where it is dissolved in water. The water is allowed to run off into a lower pan where it is evaporated. There is a separate caste called Kharols engaged in this manufacture, but during the dry years of famine of 1868-69 the salt did not exude, the Kharols who have no land nearly all died, and the manufacture was ordered to be stopped under the impression that it deteriorated the soil.

230. *Education and Institutions.*—As regards Public Instruction the province is in a very backward state. There is no lettered class in Ajmere, and the agricultural classes are quite apathetic on the subject. Out of a total number of 1,143 headmen of villages appointed at the recent settlement only 54 can write their names.

231. *Ajmere College.*—With the exception of a monthly subsidy of Rupees 300, which was given to a reverend gentleman who had established a school at Ajmere, no attempt was made by Government to provide for the education of the people till the year 1851, when a school which had been sanctioned by the Court of Directors in 1817 was opened at Ajmere. The school was affiliated to the Calcutta University in 1861, and since that time 37 pupils have passed the Entrance Examination, and eight of this number the First Arts Examination. In 1868 the school was raised to the position of a College, but with a staff of teachers limited to the requirements of the First Arts Examination of the Calcutta University.

232. The College at Ajmere is a commodious building situated about a mile from the city. The present staff consists of a Principal, a Head Master, a teacher of mathematics, an assistant teacher of mathematics, and 17 assistant masters. The number of pupils on the rolls at the close of 1872 was 235, of whom 181 were Hindoos and 54 Mahomedans. Of these 90 studied English and Urdu, 38 studied English, Urdu, Persian, and Arabic, and 107 studied English with Hindi and Sanskrit. The total income of the school was Rupees 32,708 including a Government grant of Rupees 27,921, and the expenditure was Rupees 32,063. Attached to the College is a boarding-house for the accommodation of boys from the village schools who have obtained scholarships, and 43 boys resided here in 1872.

233. *Elementary Schools.*—There are 18 Elementary Schools supported by Government in Ajmere, and 11 in Mhairwarra. The former are attended by 671 pupils, the latter by 236, giving a total of 932, including 25 pupils attending the College with scholarships. Of this number 910 are Hindoos, and only 22 Mahomedans. Of the Hindoos 412 belong to the shopkeeper class, 131 are classed as agriculturalists, and 94 as artisans and labourers. The total cost of these schools during the year amounted to Rupees 13,244, of which Rupees 12,778 was a Government grant. The average daily attendance was only 638.

234. No arrangements were made at Colonel Dixon's settlement in 1850 for the levy of a school cess, but shortly after the announcement of the assessment, 75 schools were established in Ajmere-Mhairwarra, and Colonel Dixon possessed sufficient influence to induce the people to defray a large portion of their cost. The number was subsequently reduced to 57, and the contributions were continued as long as Colonel Dixon lived. After his death, however, the clamours of the people against the cess became so violent that Government authorized the cessation of the contribution, and all schools except those supported by Government were closed. The intensity of the unpopularity of the cess may be gathered from the fact that when the sister-in-law of the Bhinaie Raja performed suttee in 1857, the last request of the Brahmans who surrounded the pile was that she might use her influence for the abolition of the cess for village schools.

235. *Mission Schools.*—On this subject the labours of the Rajpootana branch of the United Presbyterian Mission deserve notice. The whole cost of the schools established by the Mission is borne by the Mission Board, and grants-in-aid though offered have been refused. The Mission has established four Anglo-Vernacular Schools, one at Ajmere, one at Beawur, one at Nusseerabad, and one at Deolea, besides 52 Vernacular Boys' Schools and six Vernacular Girls' Schools; 2,142 boys and 290 girls are taught in these schools, total 2,432, and the average attendance in 1872 was 1,975. Most of the girls and a small proportion of the boys are the orphans who were left destitute in the famine of 1869 and who have since been fed, clothed, and educated by the Mission. The boys are taught useful trade, and the hamlet of Asapoom near Nusseerabad and another near Ajmere have been founded on land purchased by the Mission for the purpose of opening a career of agriculture to the young community. The Missionaries of whom there are nine including medical practitioners in the district, complain of the difficulty in getting the children of the cultivating classes to attend school, which they attribute to the apathy of the parents and to the influence of the bunias who are steadily opposed to the enlightenment of the cultivators.

236. *Literature and the Press.*—There is no indigenous literary class nor was there any Printing Press in Ajmere till 1871, when a Native gentleman from the Punjab established one. From this Press the *Rajpootana Official Gazette* issues in triglot form—English, Hindi, and Urdu, and the publisher is allowed to add a supplement which is an ordinary newspaper. The Gazette is largely subscribed for in the Native States of Rajpootana, as it contains all official orders affecting Rajpootana as well as the province of Ajmere. The present circulation (August 1874) is 325 copies; the Government subsidy is Rupees 1,200, and 50 copies are weekly distributed among Government officials.

237. *Mayo College.*—In the latter part of the year 1870 the late Earl of Mayo visited Rajpootana, and in a Durbar held at Ajmere suggested to the Princes and Chiefs there present that a College should be established at Ajmere, where the future rulers and nobles of Rajpootana might receive such an education as would fit them for their high position and important duties. The proposal was warmly espoused by the Chiefs and a sum of Rupees 6,26,000 promised for the endowment of the College. The principles on which Government aid is to be given

have been laid down as follows by the Government of India:—"The contributions promised by the Chiefs amount to Rupees 6,26,000, and it is expected that they will eventually attain the sum of seven lakhs. Supposing, however, that they do not exceed the former sum, this at 4 per cent. would give an endowment of Rupees 25,040 per annum, which it has always been understood would be available for the salary of the Principal and the educational establishment or for a part of the cost thereof. To this sum it will probably be found necessary that Government should give some addition for the educational staff. The amount needed may be assumed at Rupees 1,000 a month, or £1,200 a year which represents a capital sum of three lakhs of rupees.

235. "His Excellency in Council considers that the assistance to be given by the Government of India should take the form of the grant of a sum equal to the contributions of the Chiefs towards the endowment which may be taken at seven lakhs. In this calculation will be included—(1) the capitalized value of the addition which it may be found necessary to make to the sum contributed by the Chiefs to the endowment as estimated above; and (2) the cost of the College building and the houses for the Principal and one English Master. As the boarding-houses to be erected by the Chiefs for the students from their States will be paid for by them in addition to their contributions to the endowment, so His Excellency in Council excludes from the sum now sanctioned the charge of the boarding-house to be erected by Government for pupils from Ajmere."

236. The site chosen for the College is that of the old Residency of the Agent to the Governor-General about two miles east of Ajmere city, and the area of land which has been appropriated for the College boarding-houses and grounds is 150 acres. The general scheme is that of a main building with a separate boarding-house for the students of each State and houses for the masters disposed on three sides, the west front looking towards Ajmere city and the Tarapur Hill. No design has as yet (August 1874) been sanctioned for the main building. The plan originally prepared at Simla in the summer of 1871 under the supervision of Lord Mayo was of the Greek order, but at the end of that year an alternative design in Hindoo architecture was called for, and subsequently a design on the model of the Kohlapoor High School was prepared. Meanwhile Government sanctioned Rupees 36,000 for a boarding-house for the Ajmere students, and the Maharana of Oodeypoor, the Maharaja of Jeypoor, and the Maharaja of Jodhpoor have sanctioned similar sums for the boarding-houses of the pupils from their States. The Durbars of Ulwar and Tonk have also contributed. Five boarding-houses are now in progress, and it is intended to open the College as soon as these are ready, the present Residency being used as the College proper until the main building is completed.

240. *Dispensaries.*—Ajmere-Mhairwarra contains seven dispensaries, the Sudder dispensary at Ajmere, and the dispensaries at Kekree, Massooda, Pisangun, and Ramsar being under the charge of the Civil Surgeon. The other dispensaries are at Beawur and Todghur, and are under the charge of the Assistant Surgeon at Beawur, who is a native of Bengal. The income of the dispensaries during the year 1872 was Rupees 4,985, of which Rupees 2,512 was an Imperial charge.

The expenditure was Rupees 4,368, of which Rupees 3,542 was the cost of establishment. The balance in the treasury at the end of the year was Rupees 2,282. The number of in-patients was 356, of out-patients 14,656. In 1859 the revenue of the dispensaries was Rupees 1,751, of which Rupees 1,460 was a Government grant. The number of patients was 119 in-door and 5,158 out-door. The great want of the district in respect of the dispensaries is that of competent native doctors, and it has been proposed to establish a medical school at Ajmere, as it has been found that the Bengali Baboos do not make these institutions popular with the people. It may be added that a small enclosure adjoining the Ajmere dispensary has been set apart for lunatics, but there is no Lunatic Asylum in the province.

241. *Poor-houses.*—In this place may be given an account of the institution attached to the Dargha Khwaja Sahib, which is known as the "Langer Khana," and is the only institution resembling a poor-house in the district. The custom of giving a daily dole is as ancient as the shrine itself, and is alluded to in all the old grants. Two maunds of barley are daily cooked in a chaldron with salt and distributed at day-break to all who come. The average daily attendance is about 400. No enquiry is made as to the recipients. Besides the 730 maunds of grain, which are thus yearly consumed, 60½ maunds are annually distributed to infirm women, widows, and other deserving persons at their own houses. The whole charity is in charge of two Darogahs who receive pay. The cook, water-carrier, and other servants receive pay in grain. In times of scarcity a second dole is issued in the evening. The normal cost of the charity is about Rupees 3,000 per annum, of which amount, Rupees 666, a large percentage, is the cost of supervision.

CHAPTER X.

Operation of the present revision prior to assessment.

242. I joined my appointment in Ajmere on the 5th December 1871, and by the end of the month the survey was commenced in all the three Tehsils at once. The sanctioned staff for each Tehsil, though subsequently it was considerably increased in Ajmere, was a Superintendent, Sudder Munsarim, and five Munsarims. The services of Punna Lall, Tehsildar of Todghur, and of Ajodhya Prasad, Tehsildar of Ajmere, were placed at my disposal by the Deputy Commissioner, and they were appointed Superintendents in their respective Tehsils. Ramnath joined his appointment as Superintendent of Beawur from the Punjab, and Pundit Maharaj Kishn, who had been nominated Extra Assistant Commissioner, arrived at Ajmere on the 14th February 1872. The work of survey was finally completed in June 1873. The efforts of Mr. Ridsdale to instruct the putwarees had been fairly successful, and sanction had been accorded to the employment of two putwaree instructors during the intermediate period. The Ajmere putwarees measured 272,741 acres, the Beawur putwarees 97,582 acres, and the Todghur putwarees, who were the most ignorant, 80,188 acres. Out of a total area of 792,413 acres exclusive of jaghire, the putwarees have measured 400,506 acres or rather more than one-half.

243. At the time of Colonel Dixon's settlement there were two separate standards of measurement adopted in Ajmere and Mhairwarra,

The Ajmere beegah was a square of 44 yards, or 1,936 square yards. The Mhairwarra beegah was a square of 42 yards, or 1,764 square yards. Two and a half Ajmere beegahs are the exact equivalent of an acre, the relation of the Mhairwarra beegah to the acre is expressed by the fraction $2\frac{7}{8}$. There were no kacha beegahs known in either district, and as it appeared that there was no popular feeling or desire among the Mhairis to retain their local beegah, orders were issued that the whole district should be measured with the Ajmere chain.

244. No classification of soils is recognized in Ajmere or Mhairwarra, and the people know no other division of the land than that founded on its means of irrigation. They divide the soil into *chahi* or land irrigated from wells; *talabi* or land irrigation from tanks, or by lifts from a nullah; *abi* or land submerged during the rains in the beds of the tank; and *barani* or unirrigated land. This was the classification adopted by Colonel Dixon, and this classification was adhered to in the present measurement. It seemed worse than useless to attempt a classification of soils, which was locally unknown, and which could not have been relied on for assessment purposes. One addition was, however, made in distinguishing the manured fields, both on the map and in the *khusra*.

245. The measurement was carried out by means of the plane table, and to each four or five measuring parties a Munsarim was allotted, whose duty was to test the measurements and the entries in the *khusra*. The work was again tested by the Sudder Munsarim or Superintendent, and the measurement in a large percentage of villages was again tested by the Extra Assistant Commissioner or myself. The outside boundary of the village was in all cases laid down and thoroughly tested by diagonal lines before the field survey was allowed to be begun, but in the larger villages it was found convenient to divide the area into several "*chaks*" and to complete the boundary line of these before the rest of the boundary was commenced.

246. *Form of khusra adopted.*—A form of *khusra* (new at least to me) was adopted at the suggestion of Mr. Saunders, the Commissioner. In the North-Western Provinces and the Punjab the *khusra* is a list of fields numbered and entered in the *khusra* in succession as each field is measured. From this list it is necessary subsequently to pick out the several fields belonging to each owner or tenant, and the paper thus made which shows the amount of land held by each individual, is called the *khuteoni*. It is a clear advantage if the two papers can be combined into one, and a *khuteoni* made out on the ground, and it is possible to do this if there be a correct list of *holdings* made out before the measurement commences. This was done while the boundary survey was being made, a Munsarim prepared pedigree tables of all owners of land in the village; the chief tribe in the village coming first and the remaining castes following in alphabetical order. Each owner or body of owners where the holding was undivided had a separate number attached to his name, the numbers being consecutive from the eldest of the first to the youngest member of the last caste. The *khusra* was then made ready by entering at appropriate distances the names of the owners in each holding and the number of the holding. The measurement of the fields then began, each field, as it was measured, being placed in the vacant

space under the holding to which it belonged. For sake of reference, an index was simultaneously prepared on which consecutive numbers for the fields had been printed, and which was completed by entering opposite the number of each field the number of the holding in which it would be found. If any fields were found mortgaged or cultivated by tenants, such fields were shown separately as a subordinate holding of the principal number. Thus, if 25 was the number opposite the name of Baldeo Jat in the pedigree table, the land held by Baldeo himself was shown as No. 25. If he had mortgaged part of his land the mortgaged fields were shown as $\frac{25}{1}$, $\frac{25}{2}$, etc., according to the number of mortgagees, and the fields held by tenants were shown as $\frac{25}{3}$, $\frac{25}{4}$, etc., according to the number of tenants. In this way there was no difficulty in immediately ascertaining the amount of land belonging to each individual.

247. There was some difficulty at first in getting the putwarees to understand the system, though in a short time they thoroughly mastered it, and the pedigree tables in the larger villages were not always ready when they ought to have been. To make a khuteoni on the ground requires more care, and perhaps the exercise of a little more intellect than is required for the preparation of a list of fields. Still the entries in the khuteoni are the same as those in the old form of khusra, the constant attendance of the Zemindars is equally necessary in either case, and the khuteoni as formed in the North-Western Provinces is merely an excerpt from the khusra, and contains all the errors which may have crept into that paper. There is undoubtedly a great saving of time and money under the new system, both in the labour of subsequently picking out the fields and in the cost of fairing. A second man, generally a relation of the putwaree, was given to each measuring party to write the khusra, and with two men, one of whom need receive but a very small salary, the work I believe proceeds as rapidly as with the ordinary khusra, and if the pedigree tables are properly drawn up, it is just as free from liability to error. On the whole the plan has worked well, and were I commencing another settlement, I should recommend its adoption. A few experienced men should be sent into the district previously, however, to make out pedigree tables in the larger villages, and the staff of Munsarims should be increased, so as to give not more than three chains to each Munsarim. If this is done and the Munsarims will work, all subsequent attestation, except that of the Superintendent, might be dispensed with, and the papers sent to be faired immediately after the completion of the measurement. The plan, however, demands an intelligent and painstaking staff of Munsarims, but intelligence and unremitting attention are not always met with in combination.

248. *Boundaries.*—Comparatively little difficulty was experienced in the matter of boundaries. There were not many disputes, and Mr. Ridsdale had decided several. What disputes arose were generally about some barren ridge of rock or piece of stony waste for the exclusive possession of which neither party could offer any evidence. Such disputes were decided by a reference to Colonel Dixon's maps and the boundary laid down as nearly as possible according to the line then taken. This was the method which both parties desired, and the only one practicable except arbitration, a method which only breeds further disputes in this district.

CHAPTER XI.

General principles of assessment.

249. *Mode of assessment hitherto adopted.*—The mode of assessment, which has hitherto been adopted in Ajmere-Mhairwarra, has been sufficiently explained in the Chapter on the Land Revenue Administration. The chief peculiarity is that owing to the small number of villages to be assessed and the perpetually recurring khatm system, the assessments have never been founded on or checked by rates, but have been exclusively based on the history of past collections. The assessment of the North-Western Provinces under Regulation IX of 1833 were deductive, that is the Settlement Officers from estimates of Tehsildars, past fiscal history, and other general data, first calculated the amount of revenue which a given tract ought to pay, and then distributed the sum over their soil areas so as to obtain rates to be applied in the assessment of individual villages. The process in the recent revision of settlement in the North-Western Provinces has been inductive: the rent-rates which each class of soil actually paid have been investigated and discovered with more or less certainty, and the total demand for the tract is found by applying these rates to the soil areas. In no settlement of Ajmere or Mhairwarra has any attempt been made to employ either the inductive or the deductive process, nor have rates of any kind ever been worked out. The assessment of each individual village has been a deductive guess of the assessing officer.

250. *Preliminary orders of Government.*—The first orders of the Government of India, as regards the present revision, were conveyed in letter No. 377K., dated 28th October 1871. It was determined to renew the settlement operations which had been suspended owing to the distress of the country during the famine, and the Settlement Officer was directed to conduct the settlement generally in accordance with the principles of the North-West system as embodied in Mr. Thomason's Directions to Settlement Officers, and in the first of the four circulars of the Board of Revenue. The North-West system, however, was not to be rigidly adhered to, but to be modified so as to be adapted to local usages. In paragraph 4 it was ordered that a separate water-rate should be assessed on land irrigated from tanks being fixed (on the supposition of the full supply of water in the tanks) at a maximum, which might be lowered or altogether remitted by the Chief Commissioner, according as the quantity of water during the agricultural season of each year fell short of that maximum.

251. *Subsequent orders of Government.*—Assessment in the North-Western Provinces are based on rental, and on the 22nd December 1871, instructions were requested as to the principle on which the revenue should be assessed and the share of the produce which should be taken as the due of the State. It was shown that the decennial settlement was based on collections at one-half the produce, and Colonel Dixon's settlement on collections at two-fifths of the produce in Ajmere, and at one-third in Mhairwarra, and it was assumed that one-fourth of the gross produce is about equal to two-thirds of the rental or net produce, and that one-sixth of the gross produce was about equal to one-half the rental or net produce. The Commissioner recommended one-sixth as the standard, and the Chief Commissioner, in his No. 96, dated 6th February 1872, remarks on the

rates paid in the adjacent Native States :—"Where the barani (rain-crops) area is small as in Meywar, 25 per cent. of the gross produce is levied. In Marwar where the areas are extensive and where the sandy loam gives heavy barani crops, 33 per cent. of the gross produce is taken from ordinary cultivators. In Jeypoor both rates prevail; Jats paying as high as 50 per cent. One-third is the regular rate paid for rubbee crops." Colonel Brooke was of opinion that one-quarter of the barani crop is lost every fourth year in Rajpootana, which would be tantamount to a loss of a whole crop every sixteenth year, or an average loss of $6\frac{1}{4}$ per cent. yearly. On the whole he calculated that the Native States take 25 per cent. of the gross produce or with exactions $32\frac{1}{2}$ per cent., and on account of the extra cesses for roads, schools, etc., he proposed to restrict the demand to one-fifth of the gross produce.

252. The reply of the Government of India is contained in letter No. 116R., dated 3rd May 1872. In the opinion of His Excellency in Council the province is far from having reached a state of advancement, at which the assessment could safely be based on any calculation or estimate more or less conjectural of the amount either of the gross or of the net produce. The preferable method is the empirical one prescribed in Section 81, *et seq.*, of the Circular dated 9th April 1839, which the Board of Revenue in the North-Western Provinces issued to guide the Settlement Officer in effecting the now expiring settlement of the provinces. The authorities who issued that circular had to face much the same difficulties, and to provide a remedy for much the same evils as those which have now to be encountered in Ajmere. There was great inequality in the assessment, great difficulty in collecting the demand, and a constantly recurring need for remissions as to the proper amount of which there was the utmost uncertainty. The point of importance therefore was to discover, not to what the Government was entitled, but what the several villages could pay for a series of years with some degree of certainty and ease. With this view the object set before Settlement Officers in the circular referred to was to ascertain in what villages an appropriate demand had been collected without consequent impoverishment, and taking them for their standard to assess the rest accordingly. In Ajmere evils similar in character, though probably more aggravated in degree, should, His Excellency in Council conceives, be met by an application of a similar method, and with this view I am desired to convey the following instructions for the guidance of the Settlement Officer :—

He will of course at first divide the villages to be assessed into groups, so as to avoid applying an uniform rate to those of which the characteristics are markedly different.

In every group he should then select some specimen villages in which the records of the Deputy Commissioner's Office and local enquiry will show him that the revenue has been paid with a fair amount of ease. In this inquiry he will, of course, leave out of sight the experience derived from seasons of exceptional drought, which seasons will, when they recur, continue to be treated exceptionally by the grant of suitable remissions.

From the statistics in these specimen villages he should then work out fair rates for the different kinds of soil in the fashion well-known to Settlement Officers.

As a last step in the operation he should apply these soil-rates to the remaining villages, the accounts of the past collections and remissions in which he should carefully examine, with the view of judging whether the amount indicated by his soil-rates could fairly be paid, making such abatement or enhancement as the experience of the past may seem to dictate for the future. In working out this detailed assessment the Settlement Officer should, I am to remark, aim at fixing an amount which can be paid in a year of not exceptional drought; extraordinary bad seasons being, as has been above prescribed, left to be dealt with by the application of extraordinary remedies.

253. In a subsequent letter No. 93 R., dated 17th June 1878, the Governor General in Council, "while considering the plan described in letter No. 116R., for calculating the revised assessment to be very suitable to the circumstances of the district of Ajmere and Minairwarra, had no objection to the Settlement Officer basing his initial calculations on the standard of one-sixth of the gross produce. The gross produce, however, must be taken as only one of many data required to enable the Settlement Officer to equalize the assessment and judge what the lands assessed can fairly be expected to pay with reference to their past fiscal history and present condition.

254. The sum of the instructions given for the settlement was therefore as follows:—

Firstly.—To divide the villages to be assessed into circles of assessment.

Secondly.—To assess the water revenue of tanks separately.

Thirdly.—To equalize the demand, and from data of all kinds to fix the assessment at such a sum as the village could fairly be expected to pay in a good average year, regard being had to what they had hitherto paid, and to their condition now after the famine of 1868-69.

255. *Division into assessment circles.*—For purposes of assessment the district of Ajmere has been divided into five circles, and each Tehsil of Mhairwarra has been divided into three circles. The circles correspond pretty closely with the natural division of the country by ranges of hills, on which the distribution into pergunnahs was originally based, but no classification except that of forming circles without regard to proximity in place can prevent inferior villages being classified with superior. The real source of wealth is the water-supply, and where there are no real springs in any of the wells and the country is not level, the question of water-supply has to be considered in every village almost for every well.

256. *Ajmere assessment circles.*—In the Ajmere District the main grounds for a division into circles are the saline nature of both soil and water in the Ramsar Pergunnah, the Ana Sagar Lake, and the Pooshkur Sand Hills. The first circle is conterminous with the Ramsar Pergunnah, and is a plain stretching eastward from the further range of the Aravali Hills. The water in the wells is generally brackish especially where the supply is small, and the soil is saline except round Srinuggur where it is sandy. It is here that Colonel Dixon made the majority of his Ajmere tanks, which have long and low embankments with shallow beds. The second circle includes the hilly villages round Rajghur and

the plain stretching towards Pisangun. In this plain the wells are on the banks of sandy water-channels, there is less tank irrigation than in Ramsar, but more than in the Gangwana Circle; and the water-supply generally is rather better than in the Gangwana Circle. The third circle comprises the villages north of the Ajmere valley, and has been called the Gangwana Circle from the jaghire village in its centre. The tract is for the most part a broad unirrigated plain with a gradual slope from the hills, which bound it east and west towards the centre into the drainage channel, which runs northwards into the Sambhur Lake. There are hardly any tanks in the circle, nor any sites suitable for them. The wells are situated on the banks of the drainage channel or of its tributaries, and the quantity and quality of the water-supply varies in proportion to the distance of the wells from a nullah. Towards the hills the water is brackish and deficient in quantity, and only found at a considerable depth. The fourth circle is that of Ajmere and comprises the villages which lie in the valley of the Sagarmati, and those beyond the Ajmere valley which are similar in characteristics. Here the wells possess generally a constant supply of water, cultivation is careful, and the soil, except immediately under the hills on each side of the valley, is fertile. The fifth circle is that of Poonshkur, which is peculiar and unlike the rest of the district. The pergunnah consists of a series of sand hills with natural ponds in the hollows. In these hollows and round the margins of the larger depressions, sugarcane is grown without irrigation. Unirrigated wheat and barley are also grown in the moist land of this pergunnah, and not elsewhere in the district except in abi land.

257. *Beawur assessment circles.*—In the Beawur Tehsil the Beawur Circle comprises the villages between the high ranges of the Aravali, which separate the pergunnah from Massooda and Marwar. The circle depends for its irrigation almost wholly on tanks. The soil is poor, the rock is very close to the surface, and the rainfall unless retained by an embankment rapidly finds its way into Marwar. Except to the north of the Station of Beawur there are but few wells. On the eastern side there is a succession of tanks whose gathering ground is the land between the high range to the east and the lower range towards the centre. In this latter range are situated some of the best embankments in the district, Dilwara, Gohara, Kalinjar, Sarbena, Dewatan, Jowaja; while in the centre of the circle are the large reservoirs of Kalikankar and Kabra. The second circle, that of Chang, contains the hilly villages on the Marwar side of the Tehsil. The valleys are not so rich as on the eastern side, nor is the water-supply so good. The centre portion is the worst, the southern portion where are the large tanks of Lusani, and Jalia second is the best. The third circle comprises the small British pergunnah of Jak, Shamghur, and the Meywar Pergunnah of Saroth, and the cultivated land mostly lies in the plain beyond the range. The soil is the best in the Tehsil, and the water is sweet, but the rock is very close to the surface, and the supply in the wells very much dependant on the rainfall. There are but few tanks, and, with the exception of Lotana, what exist are all small ones.

258. *Todghur assessment circles.*—The Todghur Tehsil has a much larger percentage of irrigation than either Beawur or Ajmere. It consists generally of narrow valleys, the fields on each side of the central

water-course being formed into terraces by dry stone walls. The first circle is that of Bhaelan, which includes the pergunnahs of Bhaelan and Kot Kirana and the talabi villages on the western side of the Tehsil. The pergunnah of Kot Kirana contains only four villages, Bhaelan contains 17, and of these 16 have been founded since the commencement of British rule. This circle resembles the Marwar Circle of Beawar, of which indeed it is a continuation. The second circle is that of Diwer and includes the Diwer Pergunnah and the villages south of the Todghur Hills. Irrigation depends nearly entirely on wells. On the Marwar side the country is very hilly and the cultivation is confined to very small valleys. On the east the circle adjoins the table-land of Meywar, but there is but little land and that poor barani within the plain itself. The town of Diwer lies on a high ridge, and in years of deficient rainfall, suffers from deficiency of water in the wells. The third circle is that of Todghur, and except on the eastern boundary which extends a short distance into the plain the cultivated land lies in small valleys among the hills. The villages of Barar, Mandlan, and Todghur are as good as the best of the Diwer Circle, but the cluster of villages between Mandlan and Bali pulls down the average of the circle.

259. *Assessment of water revenue.*—The question of assessment of water revenue is one which abounds in difficulties owing to the varying capacity of the tanks, and it was only after the measurements were completed and the statistics of each village had been prepared, that any thing like a satisfactory solution of these difficulties presented itself. The assessment of the Beawar Tehsil was the first taken in hand, and in Beawar that of the Beawar Circle. In this circle are all descriptions of tanks, and the majority of the large tanks are to be found here. The largest tanks when full will irrigate both harvests, and the people can obtain from them as much water as they like. The smallest tanks in the most favourable years contain only water for an insufficient irrigation of the khureef, and if the rains are too heavy the khureef crops are drowned. It was apparent that no one rate could be fixed on which would be an equitable assessment on all the land classed as talabi, and it was consequently necessary to classify the tanks. Having formed a rough classification and having fixed on rough working rates for each class, I proceeded to examine each village. The main distinction between tanks is takable, especially during the winter season following a year of more than average rainfall. I then found the rates in the old khewat which the land under each tank had been paying and which the people considered fair, and compared these with my rough classified rates. I continued this work in each village till by the time that the inspection of the Tehsil was completed I had fixed on five classes and made out separate rates for each class. That the classification of tanks is perfectly correct it would be perhaps presumptuous to hope, but I visited every tank myself, and that at a time when the smaller tanks had all dried up, and I believe that the classification and rates are not much in error. The rates are average rates for each class of tank, and though I was guided by them in assessing the land under each tank, yet I did not adopt them in every instance. I followed the same principle in Todghur and Ajmere, in the latter of which Tehsils the tanks are nearly all of the second and third class.

280. *Classification of tanks.*—The classification and rates as finally determined on were as follows:—

First.—Tanks which irrigate both harvests when filled. The beds of these tanks are submerged, and they were excluded from the assessable area. The rates for the land under these was Rupees 5 per acre, of which 10 annas is soil revenue, and Rupees 4-6 water revenue. In good villages a rate was charged for manured land which brought the soil revenue up to 15 annas.

Second.—Tanks which irrigate the rubbee once, perhaps twice, but insufficiently. The beds are generally sown, but not till late in the season, and the crop in the bed is poor. My rates for these, for talabi, and abi were :—

		<i>Water revenue.</i>			<i>Soil revenue.</i>		
		<i>Rs. a. p.</i>			<i>Rs. a. p.</i>		
Talabi	3 12 0	of which	2 15 0		0 12 6		
Abi	1 4 0						
Total	5 0 0						

The rate of 0-12-6 including manure advantage.

Third.—Tanks containing water sufficient to give a sowing watering for the rubbee, but no irrigation. The beds of these tanks emerge in good time and the water has been sufficiently long on them to penetrate and moisten the soil. These were assessed as follows :—

		<i>Water revenue.</i>			<i>Soil revenue.</i>		
		<i>Rs. a. p.</i>			<i>Rs. a. p.</i>		
Talabi	2 13 0	of which	2 0 6		0 12 6		
Abi	1 14 0	„	0 15 0		0 15 0		
Total	4 11 0						

Fourth.—Tanks which only give a watering for rubbee sowings when the rains are so favourable that there is little or no water expended in khureef irrigation, but which fully irrigate khureef. My rates for these, and the majority in Beawur belong to this class, were :—

		<i>Water revenue.</i>			<i>Soil revenue.</i>		
		<i>Rs. a. p.</i>			<i>Rs. a. p.</i>		
Talabi	2 3 0	of which	1 9 0		0 10 0		
Abi	1 14 0	„	0 15 0		0 15 0		
Total	4 1 0						

Fifth.—Tanks which never have any water for rubbee sowings and which do not fully irrigate the khureef when much water is required. The water does not remain long enough upon the beds thoroughly to pene-

trate and moisten the soil, but the rubbee crop which can always be grown in the bed except in years when there is no rain at all is generally quite as valuable as the khureef crop below the dam.

Water revenue. Soil revenue.

	<i>Rs. a. p.</i>		<i>Rs. a. p.</i>	<i>Rs. a. p.</i>
Talabi	. 1 9 0	of which	1 1 6	0 7 6
Abi	. 1 4 0			
Total	. 2 13 0			

The distribution of the talabi rate between soil and water revenue was effected by assessing the highest rate for barani as soil revenue. It must be remembered that if there was no water in the tanks there would be practically no cultivation, for in such a year the rainfall would *ex hypothesi*, as the tank received no water, be insufficient or nil in and about that particular tank, and without a good rainfall unirrigated land in this district is worthless and hardly repays its cultivation. The soil rate therefore was kept low and the water charged with the larger portion of the rate.

261. Alternative schemes for the collection of the water revenue.—

The question then arose as to the system under which the water revenue amounting in the whole district to Rupees 55,432 should be collected. It had been proposed to contour the tanks and fix a gauge which would show the supply of each season, and to charge for the water by the cubic foot, leaving the distribution to the village community. This would perhaps be the most perfect system, but the task of contouring all the tanks in the district would require a staff of Engineers for several years. It had been suggested to form the tanks into zones of rainfall and to give the Chief Commissioner authority to allow remissions of water revenue when the rainfall of that zone as measured at an appointed station within it fell below a certain number of inches. But here the extreme partiality of the rainfall frustrated the scheme. It will often be raining heavily on one side of a hill, while the other will be perfectly dry, and when the rainfall depends now on the eastern and now on the western mousoon, no zones can be formed. Besides which, the filling of the tanks depends on a burst of rain of three or four inches at a time; when the rains are light no water finds its way into the tanks, though the rain-gauges may indicate an average fall. Moreover much depends on the time of the fall. If the fall is early in the year, the water may evaporate before the time it is required for the rubbee. There seemed no alternative, therefore, except that of annually examining the area irrigated from each tank.

*262. Explanation of the system adopted.—*It seemed impracticable, however, to test each year the area irrigated by all the small tanks, nor in their case did it seem necessary to do so, since even a moderate shower will fill them, and they never do irrigate for the rubbee. In all tanks, therefore, except those of the first class in Beawur and Todghur, the water revenue though separately recorded for the whole village, and for each holding, has been included in the khewat or record of individual responsibility. An engagement has been taken from the village to pay

so much including water revenue. It will be for the revenue authorities to determine whether the whole amount should be collected in any one year. In all ordinary years the whole amount will be collected, and the Deputy Commissioner has no data on which to found his proposals for remission. The villages irrigated from the tanks of the first class in Beawar and Todghur and nearly all the tank-irrigated villages in Ajmere have been assessed differently. In their case the water revenue has been entirely excluded from the khewat and the villages have been assessed at so much plus a lump sum for revenue. A list of all these villages showing the soil-rate, water-rate, and amount of water revenue assessed, is given in Appendix A. The total water revenue thus excluded from the khewat is Rupees 37,172 out of Rupees 55,432, so that this class is by far the more important of the two. It will be observed that the rates of water revenue are not quite uniform even in tanks which have been put in the first class in each tehsil. This is partly owing to the poverty of the soil under the lowly assessed tanks, and partly owing to the deteriorated state of the villages in question where I found it impossible to take full rates. Allowance for the first cause should more properly have been made in the soil-rate, yet having, in the first instance, fixed that low, since without water no tank land will grow anything more than a precarious baiani crop. I was obliged to make the remission out of the water-rate.

263. This lump sum then is a maximum, which, supposing the irrigated area to remain each year the same as in the year of measurement, each village should pay during the term of settlement in each year. It remained to provide machinery for its collection, for its reduction when the irrigated area should be reduced, and for its enhancement when the irrigated area should be increased. It would have been easy to declare that all land irrigated from the tank in any year should pay the rate at which the measured area had been assessed, but the defects of a fixed rate seem to be, first, that no incentive to economy in the use of water is offered, (and when the duty of distribution must, in a great measure, be left in the hands of the village community, this is a most important consideration); and, secondly, no motive is supplied to the headmen and the village community which would cause them to take care that none of their number take water without paying for it. On the contrary it is every man's interest to defraud Government as much as possible. On the other hand it having been decided that it was necessary each year to test the irrigated area in order to discover the amount of water revenue which should be taken, it was imperative that any proposed system should combine with it the advantages of a water-rate, and should be framed so as those only who received water should pay water revenue. This was the more essential since it is the custom for those fields which are nearest the tank first to obtain water, and if there is any deficiency the fields furthest from the sluices get none.

264. The system which has been adopted is explained in full in my No. 154, dated 24th April 1874, and the engagements have been taken from the villages accordingly. The lump sum is to be made good from the fields actually irrigated each year, unless its incidence on the irrigated area exceeds a certain fixed maximum or falls below a certain fixed minimum. Thus in the case of Dilwara Tank there were 244 acres

measured as talabi. The water revenue of the village was assessed at Rupees 1,068, being at a rate of Rupees 4-6 per acre, as the irrigated area appeared to represent the full capacity of the tank as it now exists, and the rate and the resulting assessment seemed fair and reasonable. It was provided in the engagement that this sum, Rupees 1,068, should be yearly made good by the irrigated fields except when its incidence on the irrigated area exceeded Rupees 5, when the actually irrigated area should be assessed at Rupees 5, and the balance remitted. It was provided further that when the incidence of the assessed water revenue fell below Rupees 3-12, the actually irrigated area should be assessed at Rupees 3-12, and the excess credited to Government. As long as the irrigated area fluctuates between 213 and 289 acres the revenue is unchanged, though the water-rate varies each year. As soon as the incidence of the assessment shows pressure the pressure is relieved; and if the existing tank is extended or by greater economy in the use of water the irrigated area is enlarged, Government will reap a benefit during the term of settlement. Well-land below the dam has all been assessed as such; and as it will no longer pay owners of well-land to take water from the tank, they must use their wells and the water may be carried to fields which are now unirrigated. The advantages of the system seem to be—

First.—A certain amount of stability is secured for the water revenue, for in all ordinary years there will be neither remissions nor enhancements.

Second.—When water is scarce, it may safely be presumed that those who get it can make larger profits out of it than they can when it is plentiful. In such years they pay a higher price for the water. On the other hand when water is cheap and plentiful, those who get it pay less than the assessed rate. In no case does any man who does not get water pay anything.

Thirdly.—It is the interest of the headmen and each zemindar within the minimum, *i. e.*, in all ordinary years, to economize and spread the water, for each man's revenue is lightened thereby, while for the same reason it is the interest of each to bring within the irrigated area all land actually irrigated, and to prevent any one of their number defrauding Government.

In the detailed working of this plan difficulties will no doubt arise, but I foresee none which are insurmountable. Even now most of the putwarees thoroughly understand it, and there is nothing which the people will not understand when it begins to work.

256. *Treatment of submerged land.*—The land submerged in the beds of the large tanks has been left unassessed, but a clause has been inserted in the engagements of those villages which have land both above and below the dam, providing that it shall be optional with the Deputy Commissioner to levy revenue on such land as emerges and is cultivated in any year in which a remission of water revenue is allowed. The revenue thus to be levied has been assessed at a fixed rate, generally 12 annas a beegah or Rupees 1-4 an acre. There are several villages, however, which while they hold land in the bed of a tank, yet have no land below dam and pay no water revenue. They are enumerated in the last column of Appendix A and consist of 26 villages in Beawur Tehsil,

and the Telis' Thok in Ajmera kusbah. There are no such villages in Todghur. In these villages the submerged area has been left unassessed and treated as a fluctuating mahal. It has been provided in the engagements that these villages shall be yearly inspected and the excluded land which shall be found cultivated shall be assessed at a fixed rate generally, also, Rupee 1-14 per acre. In this way the difficulty which has hitherto always attended the collection of revenue from submerged lands has been removed, a difficulty which was perpetually cropping up during the currency of Colonel Dixon's settlement.

266. *Rate-Report.*—During the cold season of 1872-73 I was engaged in forming circles and in collecting materials for a Rate-Report which was submitted on the 7th May 1873. The measurement of the villages in no one circle had been completed, and consequently it was impossible to verify the rates which were framed by reasoning from Colonel Dixon's rates, and the general rise in prices and such rates of collection as could be obtained from the imperfect statistics of the jaghire villages and such villages as had been let in farm. The rates fixed for each circle are shown in a Statement in Chapter XIII, but they were rather too high, and I have not been able to work up to them. More particularly as regards the rates for talabi land I had not been able to arrive at any definite conclusion at the time of writing this Report. The aim was to form rates which should represent one-sixth of the produce, and the result of the application of the rates to the areas gives a total of 309,920. The value of the produce of a good average year has been estimated in Chapter VIII, at 18 lakhs.

CHAPTER XII.

ASSESSMENT STATISTICS.

Section I, Ajmera.

267. The accompanying Statement shows the area, past and present, of the khalsa villages in each assessment circle. The figures of present State include,

Statement of Area, Tehsil Ajmere.

No. and Circles.	No. of vil- lages.		UNASSASSABLE.				MALGOZARAN OR ASSASSABLE.								Total, available.						
			Past and present compared.	Khasia.	Jachire.	Total.	Barren.			Rent-free.		Total.	Culturable.				Cultivated.				
							Barren.	Total area in acres.	Total.	Old fallow.	New fallow.		Total.	Chabl.		Tahsil.	All.	Barren.	Total.		
1. Ramwar .	Past .	32	17	10	143,778	45,570	11,703	57,141	11,027	13,617	26,171	4,135	6,167	2,733	17,799	30,814	80,299				
	Present .	50	17	73	141,005	45,452	11,411	66,828	17,112	7,307	61,110	4,406	8,416	2,307	20,813	32,701	87,210				
2. Rajghor .	Past .	13	10	23	67,320	10,067	2,212	31,002	12,019	6,145	19,103	4,323	2,000	1,460	6,213	16,018	35,411				
	Present .	27	10	37	63,003	10,680	2,317	30,006	19,708	2,205	21,280	4,312	1,732	1,006	13,840	30,709	49,087				
3. Gangwana.	Past .	24	9	33	69,826	21,035	4,710	30,573	11,471	6,521	16,001	2,000	795	620	19,476	23,067	40,061				
	Present .	33	0	43	76,141	25,930	6,040	32,040	9,035	4,394	13,410	3,813	840	1,230	22,811	29,143	49,607				
4. Ajmere .	Past .	11	8	10	62,209	26,672	3,592	30,171	9,677	6,393	16,330	8,163	210	1,013	11,033	17,491	39,824				
	Present .	14	6	10	68,935	16,580	8,671	33,000	8,103	2,310	10,611	5,672	275	1,295	14,369	21,481	31,995				
5. Foothkur	Past .	5	10	16	12,238	6,112	1,011	6,140	1,020	1,104	3,677	423	...	907	1,611	2,003	6,040				
	Present .	9	10	19	21,220	6,073	2,469	8,412	6,671	1,476	8,010	691	08	970	2,991	4,738	12,778				
Total	Past .	85	81	136	363,213	110,025	23,883	142,018	77,301	31,971	109,748	10,811	9,163	7,003	68,095	91,206	200,874				
	Present .	139	81	190	380,421	121,307	31,490	142,783	29,703	18,018	107,721	15,553	6,303	7,746	74,320	108,020	219,641				

REPORT ON THE SETTLEMENT OF THE

however, the statistics of Nand, Rampoor, Khori, and Kholai in the Pooshkur Circle, with an area of 446 acres chahi, 97 abi, and 1,284 barani; and those of Harmara, in the Gangwana Circle, with an area of 222 acres chahi, 41 abi, and 1,374 barani. These five villages were added to the Tehsil in 1860. If these areas be deducted, the result for the whole Tehsil, as compared with the figures of last settlement, shows an increase of 1,087 acres irrigated by wells, a decrease of 800 acres irrigated by tanks, and increase of 510 acres abi, and an increase of 13,503 acres barani. Nearly the whole amount of increase in barani was measured by Colonel Dixon in fallow, and the extent of the barani cultivation is entirely dependent on the rainfall of the particular year in which the measurement took place. The greater part of the increase in chahi is accounted for by the fact that wells have been dug since last settlement in land below the tanks. Practically, therefore, the cultivated area is entirely stationary. There are 139 khalsa villages now as against 85 at last settlement, but only the five mentioned above have been added to the Tehsil. The remaining 49 villages are hamlets which have been separated from the parent village and assessed as distinct villages. The average area of each village is 2,585 acres. The following Statements show certain percentages on the cultivated area, the percentage of cultivated to assessable, and the agricultural statistics of the tehsil at last settlement and at the present revision:—

NAME OF CIRCLE.	Past and present compared.	PERCENTAGE ON CULTIVATED AREA.								Percentage of cultivated to assessable.
		Mannered land.	Chahi.	Fallow.	Abi.	Barani.	Rubber crops.	Crops, 1st class.	Crops, 2nd class.	Crops, 3rd class.
Ramanar . . .	Past . .	10	13	20	7	68	...	...	...	36
	Present .	13	14	16	7	63	20	1	53	46
Rajghor . . .	Past . .	11	25	12	9	54	...	...	...	49
	Present .	8	20	6	9	63	29	1	40	59
Gangwana . . .	Past . .	6	13	3	3	61	...	...	...	58
	Present .	8	12	3	4	61	19	...	23	77
Ajmere . . .	Past . .	7	29	1	6	64	...	...	...	67
	Present .	12	26	1	6	68	25	2	32	66
Pooshkur . . .	Past . .	13	15	...	33	52	...	...	...	49
	Present .	21	14	2	20	64	20	6	38	50
Total . . .	Past . .	8	18	10	6	64	...	...	...	45
	Present .	11	17	6	6	67	26	1	39	61

NAME OF CIRCLE.	Past and present compared.	Ploughs.	Plough bullocks.	Head of cattle.	Population.	NUMBER OF WELLS			AVERAGE DEPTH OF WELL IN FEET.		Average number of acres of uncultivated per head of cattle.
						In use.		Out of use.	To water.	To bottom of well.	
						Old.	New.				
Ramsar . . .	Past . . .	2,401	5,114	41,165	...	1,139	...	...	...	...	...
	Present . . .	3,114	6,424	41,164	22,608	1,114	408	363	17	26	...
Rajghur . . .	Past . . .	914	2,844	14,010	...	636	...	...	...	...	...
	Present . . .	1,620	3,360	16,403	11,927	761	177	204	13	21	...
Gangwana . . .	Past . . .	1,033	2,117	10,039	...	570	...	...	...	...	...
	Present . . .	1,789	4,290	21,414	13,602	602	210	188	22	30	...
Ajmere . . .	Past . . .	1,353	3,222	18,021	...	1,007	...	...	...	...	...
	Present . . .	1,434	3,410	18,000	10,008	784	320	183	16	32	...
Poonchur . . .	Past . . .	112	291	1,781	...	30	...	...	...	...	...
	Present . . .	454	570	4,376	2,319	116	0	71	11	20	...
Total . . .	Past . . .	6,004	14,243	60,607	...	4,012	...	...	...	...	...
	Present . . .	8,420	18,320	104,770	69,574	3,153	1,114	1,000	16	28	...

268. In the whole Tehsil there is 11 per cent. of the cultivated area manured, and 25 per cent. protected by wells and tanks. There is only 26 per cent. of rubber crops and 50 per cent. of the culturable area still remains to be brought under cultivation. There are 4,288 wells worked as against 4,042 in Colonel Dixon's time, giving an average of $4\frac{1}{2}$ acres per well. The large number of 1,009 wells have been recorded as not worked. Some of these are entirely out of repair, but many of them are those which have been dug in situations where they only hold water in years of favourable rain. The well area can hardly be appreciably increased except by the construction of new embankments and the extension of old ones. There are on an average two acres of uncultivated land per head of cattle.

269. *Comparison with former statistics.*—It will be instructive to compare the statistics of agricultural wealth with those collected at the settlements of Mr. Middleton in 1826, and of Mr. Edmonstone in 1836. In Mr. Middleton's time 1,850 wells were recorded with 3,674 ploughs. Ten years later, and after the famine of 1833-34, Mr. Edmonstone found 3,185 ploughs and 1,575 wells. Ploughs are now 8,420, giving an average of 13 acres per plough. In Colonel Dixon's time there were only 6,004 ploughs enumerated. Plough bullocks and cattle have also increased since Colonel Dixon's time. It would seem, therefore, that the losses during the famine fell upon the accumulations of the years succeeding Colonel Dixon's settlement, and that though the Deputy Commissioner estimated that the cattle had diminished by one-third, and the ploughs by one-half during the disastrous years of 1868-69, yet the district is more full of agricultural wealth now than it was at the time of last settlement. The same fact as hereafter remarked is observable in Mhairwarra.

270. *Past and present demand.*—The arrangements made at the present revision about cesses are in accordance with the orders of the Government of India in letter No. 52 R., dated 9th March 1874, liable to revision at next settlement. The arrangements are the same in all

three Tehsils. From the Government demand six per cent. have been deducted, five per cent. being allowed as the pay of lumbardees, and one per cent. as the pay of zaildars or circle headmen. The remainder constitutes the net Government demand. To this has been added 10 per cent., 13½ per cent. belonging to the district funds, and the remainder 6½ per cent. belonging to the Putwarae Fund. At last settlement the headmen were paid by being allowed to hold at privileged rates, and the Road Fund and Talao Fund were included in the assessment. For purposes of comparison, therefore, the former assessment should be compared with the present gross demand, excluding putwarae fees. The subjoined table shows the previous gross demand, the demand proposed by the Superintendent, the demand by revenue rates, and the present assessment:—

1	2	3	4	5	6	7	8 9	
CIRCLE.	Demand of last settlement.	Demand of 1872.	Demand proposed by Superintendent.	Demand by revenue rates.	Present net demand.	Present gross demand excluding putwarae fees.	Percentages of column 7 on column 2.	
							Increase.	Decrease.
	Rupees.	Rupees.	Rupees.	Rupees.	Rupees.	Rupees.	Rupees.	Rupees.
Ramsar . .	77,133	76,478	87,686	83,343	51,708	5,8638	...	37
Rajghur . .	35,074	35,903	35,622	35,005	29,894	31,640	...	10
Gangwana . .	80,377	32,899	30,354	32,529	24,803	37,017	...	11
Ajmere . .	37,341	37,243	32,317	32,751	31,076	34,033	..	9
Pooshkur . .	3,844	8,738	9,200	6,530	6,558	7,194	46	..
Total . .	1,83,686	1,00,321	1,70,076	1,65,603	1,42,898	1,60,512	...	14

271. Ramsar was by far the most heavily assessed circle at last settlement. Two-thirds of the talabi area are in this circle, and it was owing to Colonel Dixon's system of assessing tanks, as explained in the Chapter on the past revenue administration, that this circle was assessed at so much more than it could bear. It has already been mentioned that five villages, formerly jaghire, have been added to the Pooshkur Circle since last settlement. The present assessment is a reduction of 14 per cent. on Colonel Dixon's settlement. The loss on the circle rates in the Rajghur and Gangwana Circles is chiefly in the class of talabi. The villages which lie on either side of the Ajmere valley could not bear the circle rates of the Ajmere Circle.

SECTION II.

MHAIRWARA.

272. The accompanying Statement shows the area, past and present, of each circle of assessment. The total area of the revenue survey of 1848 is 386,503 acres, that recorded in Colonel Dixon's books is 332,837 acres. By the present measurement the area is 432,989 acres. The discrepancy is very large, and till the results of the topographical survey are known, the real area must remain involved in doubt.

Statement of Area, Bhairwarra.

Number.	Circars.	Past and present cultivation.	Revenue by year.			UNIMPROVED.			Cultivated.			Total Assessment.					
			Khalas.	Tillage.	Total.	Barren.	Half-free.	Total.	Culturable.		Total.						
									Old fallow.	New fallow.							
1	Bewar	Past. Present.	123 134	129 131	252 265	40,883 39,853	271 257	41,155 40,110	7,423 10,437	4,381 3,188	11,763 13,723	3,418 2,053	6,027 8,766	5,200 4,537	13,791 13,439	37,843 37,186	39,030 39,237
2	Chang	Past. Present.	43 40	43 40	42,815 41,667	30,287 41,667	0 0	30,274 41,670	808 2,313	283 548	1,392 3,263	786 590	693 843	1,153 878	3,203 3,424	4,850 4,738	6,239 7,408
3	Shanghar	Past. Present.	51 61	51 61	73,331 80,430	58,503 68,708	91 91	58,783 68,796	3,638 8,267	809 434	4,265 8,811	1,740 1,577	1,372 1,391	2,183 2,438	4,173 5,749	10,373 9,873	14,618 15,181
	Total, Bewar	Past. Present.	323 341	233 231	108,601 109,692	128,723 140,134	371 391	103,001 108,616	11,647 18,016	5,558 3,285	17,447 21,301	6,244 6,466	7,992 7,000	9,503 7,770	12,107 19,840	43,065 41,706	63,507 63,507
1	Bhulan	Past. Present.	19 20	19 18	58,092 60,783	53,335 63,019	83 90	53,218 63,706	123 1,430	210 603	793 2,033	805 986	823 1,033	708 543	1,128 1,687	2,873 4,019	4,344 6,063
2	Diver	Past. Present.	38 27	38 37	63,001 63,046	43,708 53,023	234 208	43,910 53,191	1,728 3,670	376 384	2,101 3,864	3,618 5,781	202 233	810 315	3,417 3,797	7,760 7,795	9,881 11,881
3	Todghur	Past. Present.	23 35	23 35	74,383 83,040	63,433 74,673	110 121	62,672 74,794	1,063 4,046	833 237	3,218 4,783	3,645 3,723	1,304 1,151	1,681 964	3,894 3,839	8,848 8,568	11,881 13,069
	Total, Todghur	Past. Present.	80 88	80 88	188,235 233,207	159,794 191,313	434 479	180,230 191,491	3,069 9,153	1,130 1,724	5,108 10,876	8,008 8,499	2,406 2,406	3,893 923	8,181 9,533	20,398 20,750	30,006 31,906
	Total, Bhairwara	Past. Present.	803 829	593 539	323,837 431,985	295,517 337,446	807 870	300,324 330,316	18,846 37,108	8,081 5,009	22,850 33,177	14,322 14,938	10,398 10,066	11,985 8,692	27,348 30,173	63,688 63,886	84,113 94,973

It must be remembered that of seven pergunnahs only one was regularly surveyed in 1848, six pergunnahs were laid down trigonometrically. Colonel Dixon's khusra measurement extended only to the cultivated area, the hilly parts of the district were drawn roughly on his maps by hand, and the total area of his villages was taken from the results of the revenue survey which was carried out very hurriedly. At the present revision, the whole area has been measured with the plane table and nearly entirely by experienced Ameens. Only by such a measurement was it possible to put a stop to the interminable boundary disputes which are ever rife in Mhairwarra.

273. The cultivated area is 467 acres less than at last settlement. The area protected by wells has increased by some 600 acres, talabi has fallen off by 300 acres, abi by 3,200, while barani has increased by some 1,500 acres. The decrease in the talabi area is confined to the Beawur Tehsil. This is partially, but very slightly, I believe, owing to the silting up of tanks. The real cause of the deficiency is due to the succession of dry years preceding the measurement. All fields which were regularly irrigable from a tank were classed as talabi, whether they had actually been irrigated in the previous year or not, but some of the more distant fields had not received water for several years and were classified as barani. The great decrease in abi is due to two causes, one affecting chiefly the Beawur Tehsil, the other the Todghur Tehsil. The beds of the large tanks which are only freed from water in years of very deficient rainfall were at last settlement measured and assessed as abi, while at the present revision they have been excluded from the assessable area and will come under assessment when actually cultivated. In Beawur Circle 1,412 acres are thus submerged, in the Chang Circle 141 acres, in the Shainghur Circle 34 acres, and if these areas be added to the present total, the cultivated area of Beawur Tehsil is as nearly as possible the same as before. The second cause of the diminution of abi is the different system of classification which was adopted now and formerly for the fields known in the district as "Paraband." These are terraced fields in the hilly portions of the district, which are supported by a wall of dry stones. In some cases the wall is substantial and retains water to moisten the field, but in general it merely prevents the field being washed away. These fields were at last settlement recorded as abi, but have now been measured as barani, and it is on account of these fields that the barani rate of Todghur is so high as it is. On the whole, then, the cultivated area in both Tehsils is stationary; in Todghur Tehsil the land protected by wells has increased by between 5 and 6 per cent. The following Statements give the same statistics as have already been given for Ajmere:—

NAME OF CIRCLE.	Past and present compared.	PERCENTAGES ON CULTIVATED AREA.									Percentage of cultivated to arable.
		Measured land.	Chabl.	Totabl.	Abl.	Harabi.	Rubbee crops.	Crops, 1st Class.	Crops, 2nd Class.	Crops, 3rd Class.	
Beawur . . .	Past . . .	21	14	23	19	45	..	..	..	..	70
	Present . . .	15	13	21	18	51	42	1	50	43	69
Chang . . .	Past . . .	20	16	24	24	46	..	..	..	..	77
	Present . . .	17	19	11	18	52	49	3	51	43	63
Shamghur . . .	Past . . .	25	17	12	31	40	..	..	..	..	71
	Present . . .	17	19	14	29	39	61	3	70	21	63
Total . . .	Past . . .	22	16	19	22	41	..	..	..	..	71
	Present . . .	16	16	19	19	43	47	1	61	39	66
Bhaelan . . .	Past . . .	..	23	25	21	32	..	..	..	..	82
	Present . . .	25	24	25	8	41	50	6	76	23	66
Diwar . . .	Past . . .	..	47	9	7	53	..	..	..	..	79
	Present . . .	20	43	2	1	49	43	8	54	33	66
Todghur . . .	Past . . .	..	37	14	31	39	..	..	..	..	81
	Present . . .	15	42	13	6	40	27	10	62	28	65
Total . . .	Past . . .	..	38	12	11	39	..	..	..	..	80
	Present . . .	19	40	12	4	41	52	8	60	33	66
Total Mhairwarra.	Past . . .	..	22	16	10	43	..	..	..	..	74
	Present . . .	16	21	16	14	46	49	4	61	35	66

NAME OF CIRCLE.	Past and present compared.	Ploughs.	Plough bullocks.	Head of cattle.	Population.	NUMBER OF WELLS		AVERAGE DEPTH OF WELL IN FEET.		Average number of acres of uncultivated per head of cattle.	
						In use.		Out of use.	To water.		To bottom of well.
						Old.	New.				
Beawur . . .	Past Present . . .	2,622 2,512	5,241 5,034	23,856 37,166	25,071	791 551	230 332	19 31	2 1		
Chang . . .	Past Present . . .	518 917	1,036 1,834	5,940 19,792	3,832	211 212	137 137	16 30	8 8		
Shamghur . . .	Past Present . . .	1,270 1,654	2,540 3,309	9,475 25,710	10,999	425 420	416 211	17 34	7 3		
Total . . .	Past Present . . .	4,420 5,113	8,850 10,326	41,227 78,708	30,922	1,437 1,183	700 817	17 33	5 2		
Bhaelan . . .	Past Present . . .	884 934	1,554 2,122	6,832 14,816	10,820	239 322	261 242	19 24	8 4		
Diwar . . .	Past Present . . .	1,289 1,878	2,357 3,368	9,900 21,188	11,474	1,006 1,101	559 229	33 39	5 5		
Todghur . . .	Past Present . . .	1,789 1,907	3,746 4,006	15,818 34,929	13,923	1,301 1,501	491 303	27 34	4 2		
Total . . .	Past Present . . .	8,941 4,720	7,731 9,626	32,630 69,913	36,217	2,593 2,681	1,292 792	26 32	5 3		
Total Mhairwarra	Past Present . . .	8,361 8,833	16,571 19,762	73,857 1,46,641	70,139	4,052 4,167	1,604 1,902	...	4 3½		

274. In the Beawur Tehsil there is 115 per cent. manured and 38 per cent. protected by wells and tanks. In Todghur 19 per cent. is manured and 52 per cent. protected by wells and tanks. In each Tehsil the cultivated area is 66 per cent. of the culturable. At last settlement it was 74 for Mhairwarra, but the present measurement has been much more searching than the last, and probably nearly all the isolated spots which can by any possibility become cultivated, have been brought within the culturable area. It will be observed that while Ajmere has only 1 per cent. of crops of the first class and only 38 per cent. of crops of the second class, Mhairwarra has 4 and 61 per cent., respectively. There is 49 per cent. of rubbee against 26 in Ajmere. The manured area in Todghur at last settlement has not been procurable; but no doubt it was higher than at present, and there is a falling off of 7 per cent. in the manured area of Beawur. In Beawur there are 1,996 wells working as against 1,457 in Colonel Dixon's time, giving an average of $8\frac{1}{4}$ acres per well. In Todghur there are 5,771 wells working as against 4,052 at last settlement, giving an average of only $1\frac{1}{2}$ acres per well. There are nearly 2,000 wells in Mhairwarra which are permanently or temporarily out of use. Ploughs and plough cattle have increased considerably in both tahsils in spite of the destruction caused by the famine. Cattle, including sheep and goats, have nearly doubled in the Beawur Tehsil, and have more than doubled in Todghur, but the figures of last settlement as regards small cattle are probably not reliable. Water, it will be observed, is found nearest the surface in Ajmere. and gets further from the surface as one goes south till at Diwer the wells are very deep. The height of water in the wells, however, depends entirely on the season. In the dry season of 1871-72 I measured a dry well at Diwer which was 60 feet deep, and next year this well was brimming over. The next table shows the previous gross demand, the demand of the summary settlement, that proposed by the Superintendent, the result by revenue rates, and the present assessment.

Circles.	Demand of last settlement.	Demand of 1872.	Demand proposed by Superintendents.	Demand by revenue rates.	Present net demand.	Present Gross demand excluding Fuelwages &c.	PERCENTAGE OF 1872. 7 on 100. 2.	
							Increase.	Decrease.
1	2	3	4	5	6	7	8	9
Beawur . . .	58,800	38,885	43,375	41,458	38,822	42,544	...	25
Chang . . .	12,161	6,893	7,077	8,461	7,278	7,980	...	84
Bhanghur . . .	20,782	18,270	21,417	24,460	19,383	20,161	...	25
Total . . .	91,743	63,048	71,869	74,379	65,483	70,685	...	26
Bhaolan . . .	12,810	8,012	10,125	10,832	9,088	9,830	...	23
Diwer . . .	28,030	20,740	23,298	26,814	20,500	22,658	...	33
Todghur . . .	24,808	22,044	28,025	29,710	24,625	26,861	...	24
Total . . .	77,000	60,800	61,233	67,356	54,213	59,349	...	23
Total Mhairwarra . . .	1,72,502	1,12,858	1,35,107	1,44,267	1,18,661	1,20,038	..	35
Total Ajmere-Mhairwarra . . .	2,50,231	2,04,170	2,06,183	2,09,020	2,01,487	2,08,548	...	19

275. The present assessment of Mhairwarra is a reduction of 25 per cent. from the revenue fixed by Colonel Dixon, but is an increase of 12 per cent. on the amount of the summary settlement. I have been unable to work up to the rates in any circle. There was a considerable loss in water revenue. The rate for barani in Beawur Circle, was too heavy, and when the villages of Mhairwarra jut out into the Meywar plain, as in the pergunnahs of Jak, Shamghur, and Todghur, the barani could not bear the proposed rate. The rates generally were suitable for the good villages ; those which strike one's eye in passing through the country, but an examination of each village with the map and the knowledge of the capacity of a village, which can only be obtained by a comparison and collation of statistics, showed that the revenue rates were pitched rather too high. Including cesses, the assessment of Ajmere-Mhairwarra is 3,04,593, the result of the application of revenue rates gives Rupees 3,09,920. The reduction in the assessment of Ajmere-Mhairwarra amounts to 19 per cent.

276. *Meywar and Marwar-Mhairwarra*—The land revenue of the villages of Marwar and Meywar-Mhairwarra is not borne on the rent-roll. The receipts are paid into the personal ledger and credited periodically to the States concerned subject to deduction on account of costs of management. Statements D and E in the Appendix show the revenue and area of each territorial division of Mhairwarra.

274. In the Beawur Tehsil there is 15 per cent. manured and 38 per cent. protected by wells and tanks. In Todghur 19 per cent. is manured and 52 per cent. protected by wells and tanks. In each Tehsil the cultivated area is 66 per cent. of the culturable. At last settlement it was 74 for Mhairwarra, but the present measurement has been much more searching than the last, and probably nearly all the isolated spots which can by any possibility become cultivated, have been brought within the culturable area. It will be observed that while Ajmere has only 1 per cent. of crops of the first class and only 38 per cent. of crops of the second class, Mhairwarra has 4 and 61 per cent., respectively. There is 40 per cent. of rubbee against 26 in Ajmere. The manured area in Todghur at last settlement has not been procurable; but no doubt it was higher than at present, and there is a falling off of 7 per cent. in the manured area of Beawur. In Beawur there are 1,996 wells working as against 1,457 in Colonel Dixon's time, giving an average of $3\frac{1}{4}$ acres per well. In Todghur there are 5,771 wells working as against 4,052 at last settlement, giving an average of only $1\frac{1}{2}$ acres per well. There are nearly 2,000 wells in Mhairwarra which are permanently or temporarily out of use. Ploughs and plough cattle have increased considerably in both tahsils in spite of the destruction caused by the famines. Cattle, including sheep and goats, have nearly doubled in the Beawur Tehsil, and have more than doubled in Todghur, but the figures of last settlement as regards small cattle are probably not reliable. Water, it will be observed, is found nearest the surface in Ajmere, and gets further from the surface as one goes south till at Diwer the wells are very deep. The height of water in the wells, however, depends entirely on the season. In the dry season of 1871-72 I measured a dry well at Diwer which was 60 feet deep, and next year this well was brimming over. The next table shows the previous gross demand, the demand of the summary settlement, that proposed by the Superintendent, the result by revenue rates, and the present assessment.

Circles.	Demand of last settlement.	Demand of 1872.	Demand proposed by Superintendent.	Demand by revenue rates.	Present net demand.	Present gross demand including Rubbee &c.	PERCENTAGE OF 1872 ON 1872.	
							Increase.	Decrease.
1	2	3	4	5	6	7	8	9
Beawur . . .	50,686	38,985	43,375	44,498	39,822	42,641	...	25
Chang . . .	12,164	0,803	7,977	8,401	7,278	7,980	...	34
Shamghur . . .	20,783	18,270	21,617	24,450	18,383	20,164	...	26
Total . . .	83,633	58,058	72,969	77,401	65,483	70,678	...	20
Mhairwarra . . .	12,810	8,012	10,125	10,833	9,009	9,036	...	22
Diwer . . .	28,930	20,749	23,898	20,814	20,500	22,558	...	22
Todghur . . .	35,708	22,048	28,025	29,710	24,825	28,804	...	24
Total . . .	77,448	50,809	62,048	61,357	54,334	59,408	...	23
Total Mhairwarra	1,72,662	1,13,863	1,35,107	1,41,357	1,18,661	1,20,036	...	25
Total Ajmere-Mhairwarra . . .	8,50,231	8,04,170	8,06,183	8,09,020	7,61,687	7,86,548	...	10

275. The present assessment of Mhairwarra is a reduction of 25 per cent. from the revenue fixed by Colonel Dixon, but is an increase of 12 per cent. on the amount of the summary settlement. I have been unable to work up to the rates in any circle. There was a considerable loss in water revenue. The rate for barani in Beawur Circle, was too heavy, and when the villages of Mhairwarra jut out into the Meywar plain, as in the pergunnabs of Jak, Shamghur, and Todghur, the barani could not bear the proposed rate. The rates generally were suitable for the good villages; those which strike one's eye in passing through the country, but an examination of each village which the map and the knowledge of the capacity of a village, which can only be obtained by a comparison and collation of statistics, showed that the revenue rates were pitched rather too high. Including cesses, the assessment of Ajmere-Mhairwarra is 3,04,593, the result of the application of revenue rates gives Rupees 3,09,920. The reduction in the assessment of Ajmere-Mhairwarra amounts to 19 per cent.

276. *Meywar and Marwar-Mhairwarra*—The land revenue of the villages of Marwar and Meywar-Mhairwarra is not borne on the rent-roll. The receipts are paid into the personal ledger and credited periodically to the States concerned subject to deduction on account of costs of management. Statements D and E in the Appendix show the revenue and area of each territorial division of Mhairwarra.

they represent a full two-fifths of the produce. Several of the farmers and especially Seth Raj Mal, who had more farms than any one else, were so inexperienced in collecting rents and were so badly served that they did not collect nearly what they should have collected. Still some of them collected their full dues. Malji, the Kamdar of the Bandunwarra Thakoor, was not deceived by his tenants. Cheetar Sing and Saligram Jyotishi probably collected rather more than their due. Seth Fath Mal had very good gomasthas, and both he and Chand Mal spent a very large percentage in the cost of collection. On the whole, I cannot think, that they collected less than one-third. The total of the rent-rolls is Rupees 80,000, and the gross produce of these villages would therefore be valued at Rupees 2,40,000. The present assessment of these villages is Rupees 51,406 without cesses and Rupees 59,835 with cesses. From this it would appear that the assessment with cesses is very nearly equal to one-fourth of the produce.

281. *Argument from Jaghiredars' collections.*—With this may be compared the average collections in the jaghire estates for the last 10 years, where the revenue is always taken in kind. The jaghiredars have collected revenue for generations, nor have they any motive to understate their receipts. The average collections for 50 villages for which rent-rolls were procurable, were Rupees 70,876 without cesses, with extras of all kinds, Rupees 81,636. The rates of collection in the jaghire estates vary: in two or three one-half the produce is paid, in a few one-fourth only is taken, but the general rate of collection is one-third; and where quarter only is taken there are generally special cesses. In paragraph 89 of the Report of the Committee on jaghire estates, it is stated that the collections with extras may be taken as equal to one-third the produce. The average value of the produce of these villages will therefore be equal to Rupees 2,53,908. The jaghire villages are in every circle of Ajmere, and the result of the application of the circle rates to their areas gives an assessment of Rupees 58,823. In the khalsa villages it will have been seen that the result by circle rates is equal to the assessment with cesses; and from this reasoning the conclusion would follow that the assessment with cesses in the khalsa of Ajmere is between one-fourth and one-fifth of the produce. The jaghire villages have been assessed for the purpose of levying cesses for roads, schools, and village post, and the actual assessment is Rupees 62,642, or as near as possible one-fourth of the estimated value of the gross produce. The villages were assessed at the same rates as the khalsa, but it should be added that though the assessment was not intentionally pitched at a higher rate than the khalsa, yet that whenever I was in doubt I leaned to the side of severity. Thus the rent-rolls of the farmers and of the jaghiredars corroborate each other, and go to prove that the present assessment with cesses is equal to about one-fourth of the average produce.

282. *Argument from Colonel Dixon's direct collections.*—Colonel Dixon in his report on the settlement of Ajmere has given no estimate of the share of the gross produce, which he considered his assessment of Rupees 1,83,669 to take. The assessment, however, was based on the collections during the previous years when the revenue was collected direct and the records of these collections are extant. The highest collections were in the year 1847-48, when the revenue reached Rupees 1,67,237.

By this year the tanks had all been constructed and the year was a good one. The rate of collection was two-fifths the produce from all cultivators, except a few privileged individuals. Colonel Dixon had had great experience in direct collections and himself superintended the estimates. The collections, therefore, allowing for privileged rates and light assessment of freshly broken up land, ought to be equal to one-third the produce, and the produce would thus be valued at Rupees 5,01,711. It has been shown that irrigation and cultivation is stationary since last settlement. The only cause, therefore, which can have affected the value of the gross produce is a rise in prices, for certainly no greater care is expended in the cultivation of the soil than heretofore, and the manured area has actually decreased. Here reference must be made to the table of prices since 1818 at the commencement of Chapter VII; and, apart from the disturbing effects of scarcity years, there are grounds for asserting a general rise in prices. The average price of barley for the five years before 1847-48 and of that year itself, is 28 seers, the average of the years 1861-67 is 20 seers, and there is no year of scarcity in either of these periods. The rise therefore is about 30 per cent. the amount which was calculated in the report. Other things being equal, therefore, if Rupees 5,01,711 be the value of the produce in 1847-48, the value of the produce now will be increased by 30 per cent. and will equal Rupees 6,52,221. The present assessment, with cesses, of Ajmere is Rupees 1,66,362, and four times this sum gives Rupees 6,65,449. The difference may be credited to the account of the five Gwalior villages added to the district in 1860. By this argument the same conclusion is arrived at as has been reached by the statistics of collection in the jaghire and farmed villages, *viz.*, that the present assessment with cesses is about equal to one-fourth the gross produce.

283. *Colonel Dixon's Mhairwarra assessment.*—In the report on the settlement of Mhairwarra, Colonel Dixon has calculated the incidence of his assessment. He says (page 133) :—"The standard may be taken at 75 per cent. of the Government share when the talaoos are filled and the barani crops ripen. Thus in moderately good seasons we shall take an equivalent to one-fourth of the late assumed produce from patels and one-third from the cultivators. In good seasons each may be benefited to the extent of 25 per cent. on the Government share. Mental anxiety, forethought, and precaution cannot supply deficiencies of rain. Our exertions are limited to its preservation and retention on its reaching the soil. We must, therefore, prepare our minds for remissions according to circumstances whenever and wherever a deficiency of rain prevails. Our assessment has been fixed at 75 per cent. of the Government share (one-third) during good seasons. We might have reduced this rate to 50 per cent. Still the necessity for remissions would occasionally exist, for it is a fact which must always be kept in mind that the partial replenishment of the talaoos is a *sine qua non* of the ability of the people to pay the rents as fixed by settlement. Pecuniary motives have not alone been regarded in fixing the standard. To have settled the rent at a lower amount would have called for the exercise of little exertion on the part of the people. Our policy, for many years past, has been to obviate idleness, or, in other words, to keep the people so closely employed for their immediate benefit as to check any desire in

their minds to return to their pristine habits of irregularity." The calculation is a little obscurely worded, but what is meant is that assuming the produce of a moderately good year to be represented by the figure 225, the Government demand will be represented by 75 or one-third the produce. The value of the produce in a good year may be represented by the figure 300, in which years the assessment will fall at the rate of one-fourth the produce, while in bad years remissions must be allowed.

284. The former revenue of Mhairwarra may therefore be taken as equivalent to one-third the produce of a moderately good year. The assessment was Rupees 1,72,562, and the value of the produce would therefore be Rupees 5,17,686. There are no lists of prices obtainable before the settlement, but 30 per cent. may be added for the rise in prices. Other things being equal, therefore, the value of the produce of Mhairwarra now would be Rupees 6,73,028, and the value of the produce of the whole district would be 13½ lakhs, whereas it is estimated in Chapter VIII, at 18 lakhs.

285. *Conclusions.*—Which then of these estimates is correct? And does the present assessment with cesses fall at the rate of one-fourth or one-sixth the produce? In Chapter VIII, the out-goings of the cultivators have been calculated at Rupees 3,04,593 for revenue, Rupees 2,77,326 for interest on debt, Rupees 6,96,148 for cost of production. The total is thus Rupees 12,78,069, leaving but half a lakh of rupees for the profits of the agricultural classes in the whole of Ajmere-Mhairwarra, if the whole produce is worth only Rupees 13½ lakhs. In favourable years, no doubt, they would make a profit, but in ordinary years it would appear they have just enough to live on and no more. I believe myself that the assessment with cesses in Beawur and Ajmere is about one-fifth of the gross produce of an ordinarily good year, and that in Todghur it is about one-sixth. Ajmere and Beawur are absolutely stationary. In Todghur irrigation has increased between 5 and 6 per cent., and an allowance must be made for a considerable increase in the cultivation of poppy which is a most paying crop. The land in Todghur is so minutely divided that it is cultivated to the highest degree. Still the assessment of Todghur is not really lighter than that of the rest of the district. The rawats are a stay-at-home race, and the average size of a holding is less than an acre. The cultivated area is half that of Beawur, while the population is much the same, and the people would starve if much more land were devoted to opium, or be obliged to buy food. But if they come into the market as purchasers of food, they will find that the purchasing power of the money they have made by opium has largely diminished.

286. Though the assessment is certainly not light yet it would have served no good end to have reduced it further. The people are accustomed to pay a heavy assessment, and if suddenly relieved by too much would be demoralized, while the grain-dealers and mortgagees would have reaped the profit. The orders, in accordance with which the settlement was made, were to equalize the demand and to fix a sum which the people could pay in an ordinarily good year, regard being had to the demand which hitherto they have discharged. This has been done, and if remissions are allowed when the tanks fail to fill, the demand is not, I think, too heavy.

CHAPTER XIV.

REVENUE-FREE HOLDINGS.

287. *Jaghire*.—The revenue-free holdings of Ajmere have from ancient times been distinguished into jaghire and milk, but the only difference between these two is, that a jaghire is understood to mean the grant of an entire village or of a share of a village, while milk means the grant of a definite number of beegahs. There are 64 jaghire estates, 51 being entire villages, three being in villages which are half jaghire and half khalsa. The total alienated revenue of these estates is Rupees 68,407, and of this amount Rupees 29,557 is the revenue of the endowments of institutions and sacred buildings, the remainder is enjoyed by individuals or by corporations. The printed Report of the Committee on jaghire estates, dated 16th May 1874, contains a careful summary of the history and statistics of each estate, and it is unnecessary in this place to do more than refer to that Report.

288. *Bhoom no longer a revenue-free tenure*.—Besides jaghire and milk there is also the peculiar tenure known as bhoom which has been sufficiently described in Chapter III. This tenure is now under the orders of the Government of India as conveyed in letter No. 230R., dated 24th September 1874, no longer revenue-free, and the tenure of the bhoomias has been assimilated to that of the istumarardars. They are a feudal militia bound to attend when called upon to put down riots or to pursue dacoits and rebels. Each bhoom holding is bound to furnish either a horseman or a footman on such occasions, and yearly to pay a fixed amount of nuzzerana. The statistics of each bhoom holding are given in Appendix H.

289. *Orders of Government regarding revenue-free holdings*.—Ordinary revenue-free holdings fall broadly into three classes:—

1st.—Grants on account of charitable institutions and sacred buildings.

2nd.—Personal grants which are hereditary.

3rd.—Grants for a life or term of lives.

On this subject the orders of Government given in letter No. 403R., dated 14th December 1871, should be quoted in full :—“3. It is well known that rent-free tenures were rarely given in perpetuity by a Native Ruler, except for the purpose either of endowing a religious or charitable institution, or of perpetuating a succession of holy men whose vows bound them to celibacy, neither of which cases would alienations have been recognized by a Native Government. As a general rule other grants were either hereditary or without further specification, than that annual payment was to be made to a particular individual. The former under Native Governments were invariably limited to the lineal heirs of the grantee, and were continuable as long as such heirs survived. The latter were often renewed to heirs by the issue of fresh Sunnuds on the death of the holder.

290. “The transfer for a consideration of grants of this description would, His Excellency in Council believes, have been as little recognized by a Native Ruler as that of grants of the description first mentioned,

and the inability to alienate is to be inferred from the admitted fact that the tenures would lapse on the failure of heirs. But His Excellency in Council is willing to commute the prospective liability of these holdings to entire resumption for the payment of a regular annual quit-rent of one-fourth of the amount at which, if resumed, they would be assessed. In consideration of the payment of this quit-rent, the holders would be left to deal with the land as they pleased, and to sell or mortgage it under the ordinary law applicable in Ajmere to such transactions. This then should be one of the operations to be undertaken in the course of the re-settlement now commencing in the province. It should be applied only in the case of personal grants, grants in favour of sacred buildings or charitable institutions remaining in force as heretofore entirely rent-free, but not transferable."

291. These orders were reiterated in letter No. 67R., dated 9th March 1872:—"It is the object of Government to get rid for ever of the liability to resumption and to permit unreserved sale or mortgage in return for a quit-rent of one-fourth of the ordinary assessment, and His Excellency in Council considers it advisable to offer these terms in cases, in which the land granted is still in the possession of the original grantee, and to impose them without offer when the land has been alienated.

292. *Rules observed in the investigation*—In July 1873 a set of Rules to be observed in the investigation of the revenue-free holdings of the district was submitted to the Commissioner, and these rules received the sanction of the Chief Commissioner in his No. 305, dated 29th September 1873: the gist of these rules is as follows:—

1. The Register prepared by Colonel Dixon under the orders of Government, conveyed in letter No. 4311, dated 25th September 1844, shall be accepted provided the grantee is in possession.

2. Grants made to charitable institutions and sacred buildings are in perpetuity so long as the institution or building exists, but are not transferable. All mortgages of land held under such grants shall be considered null and void, the mortgagee being left to recover his money in the Civil Court from the mortgagor personally.

3. Hereditary grants which have been transferred by sale or mortgage shall be assessed at one-fourth the ordinary rates.

4. The rate of one-fourth is a perpetual rate, though the sum assessed is liable to variation at each revision of settlement.

5. In life grants where more than one life is mentioned in the grant, no portion of the grant shall be resumed until all the lives are extinct.

6. Life grants made by Colonel Dixon to patels in Mhairwarra on account of good service to Government shall be continued during the good behaviour of the grantees and their lineal heirs.

7. When the land held revenue-free by a *maafedar* is shown by measurement to exceed by more than 5 per cent. the amount to which he is entitled, the excess shall be resumed, and a settlement made with the *ex-maafedar* if he is also the owner. The *maafedar* shall be allowed to point out the fields belonging to his grant.

8. Commutation from grain to cash payments shall be made at village rates when both the owner of the land and the manfeedar desire such commutation, but not when the manfeedar objects.

9. All resumptions shall take effect from the commencement of the agricultural year following the date of resumption.

293. *Procedure adopted.*—The whole duty of investigating the manfee grants was assigned to the Extra Assistant Commissioner, Pundit Maharaj Kishen, who has performed this laborious task with care and judgment, and the results of this enquiry have been separately reported. The first step was to collect all the files in the Office of the Deputy Commissioner relating to the manfee holdings. Their number was 1,537. 1,130 in Ajmere, 105 in Beawur, and 302 in Todghur. Cases already settled by the inclusion of the holding in the khalsa, or by the execution of an order for the resumption of a life tenure were separated from the file, and the remaining cases were divided into five classes—

1st.—Grants to charitable institutions and sacred buildings.

2nd.—Personal grants which are hereditary.

3rd.—Life grants.

4th.—Grants during pleasure of Government on condition of good behaviour.

5th.—Grants held on condition of service (Chakirana).

The only inquiry made in Colonel Dixon's time was as to the liability of each holding to pay revenue. No distinction was made between grants to institutions and personal grants, nor were the number of sharers in the alienated revenue and their shares recorded. The next step in the procedure therefore was to summon all the manfeedars and to record their evidence as to the nature of the holding, the number of shares, and the share held by each and the question of transfer. A genealogical tree of the manfeedars in each holding was added to the file. The evidence of the transferers was also recorded, and a statement in the subjoined form was prefixed to each misl:—

Form of Manfee Statement.

Serial Number.	NAME OF VILLAGE.	ENTRIES ACCORDING TO MAAFEE FILES.				ENTRIES ACCORDING TO PRESENT POSSESSION.						Order as regards excess.	Final order.	Report of completion.	No. of holding in settle- ment misl.	REMARKS.
		Names of manfee- dars.	Amount of land.			Names of manfee- dars and shares.	Amount of land.			Decrease.	Excess.					
			Cultivated.	Uncultivated	Total.		Cultivated.	Uncultivated- ed.	Total.							
					Abstract of final orders.											

294. *Statistics of these holdings.*—The following Statement shows the detailed area of each class of manfee in each tehsil. There are 744 holdings in Ajmere, 78 in Beawur, and 166 in Todghur. The classified

abstract shows the area of land which has been alienated by Government and the amount of the alienated revenue:—

Statement of Maafee holdings by tehsils.

Serial Number.	Name of tehsil.	Nature of Maafee.	No. of holdings.	DETAIL OF AREA IN ACRES.					Total.
				Chahi.	Talabi.	Abi.	Barani.	Uncultivated.	
1	Ajmere	Institutions	927	1,011	91	53	1,378	1,709	4,242
2	Do.	Hereditary	364	2,069	262	146	3,638	1,690	7,605
3	Do.	Life grants	49	92	2	3	264	124	465
4	Do.	During pleasure	4	10	2	...	9	9	80
	Total	.....	744	3,182	357	202	5,180	3,432	12,862
1	Benwar	Institutions	57	121	84	41	76	17	339
2	Do.	Hereditary	18	21	7	5	18	8	69
3	Do.	Life grants	1	...	...	...	2	...	2
4	Do.	During pleasure	2	1	2	...	...	...	3
	Total	.....	78	143	93	46	96	25	403
1	Todghur	Institutions	68	46	17	...	32	32	127
2	Do.	Hereditary	59	161	6	12	104	61	387
3	Do.	During pleasure	30	18	6	...	7	6	86
4	Do.	Chakirana	8	...	2	...	6	1	8
	Total	.....	165	215	31	12	148	102	607

Classified Abstract of Maafee Holdings.

Serial Number.	Nature of Maafee.	Number of holdings.	DETAIL OF AREA IN ACRES.					Total.	Amount of alienated Revenue.
			Chahi.	Talabi.	Abi.	Barani.	Uncultivated.		
1	Institutions	452	1,177	102	54	1,487	1,768	4,708	6,693
2	Hereditary	441	2,241	274	163	3,060	1,663	8,001	12,880
3	Life grants	50	92	2	3	266	124	467	568
4	During pleasure	36	29	9	...	16	14	68	163
5	Service grants.	9	...	1	...	6	1	7	6
	Total.	988	3,539	478	280	5,434	3,660	13,271	20,299

295. *Grants to charitable institutions and sacred buildings.*—The majority of the grants in favour of institutions and sacred buildings are endowments of Hindoo temples, and were made by Colonel Dixon whose

practice it was on the foundation of a new hamlet to set apart a beegah or two for the local divinity. In only one case was it found that the temple connected with a maafee holding has not been kept up but allowed to fall into disrepair, and though this holding is properly liable to resumption, yet it has been proposed to allow it to remain revenue-free for the life-time of a widow who is now in possession and who has no other means of support. The memory of many of these grants is preserved in copper plates, a form of title deed which has outlasted all revolutions, and which were buried in the ground in times of disturbance. These grants generally conclude with the following *Slokas* of ungrammatical Sanscrit:—

Abdatam paradatum: je palant vasumdhara. Te narah Swargam jānte yavat chandra-divakārah.

Abdatam paradatum: jemétant vasumdhara. Te narah narak jānte yavat chandra-divakārah.

“What has been given now is given in perpetuity, those who protect this land shall go to heaven for as long as the sun and moon shall endure, and those who resume this land shall stay in hell as long as the sun and moon shall endure.” Another common device to ensure the perpetuity of a grant was to draw the figures of a cow and a pig, emblems to awe Hindoo and Mahomedan governments, and in the tablet erected by Dudhabari, an ascetic, who received a grant from Colonel Dixon, the figures of two Europeans in a sitting attitude said to represent Moses and Jesus Christ, are added as an emblem to awe Christian Governments.

296. In 13 cases the land attached to a temple was found to have been mortgaged, and the transfers were nearly all owing to the pressure caused by the recent famine. The mortgagees have been directed to recover their debt from the personal property of the manager. In one case only had there been a sale, and in this case the temple as well as the land had been transferred, and the duty of service in the temple was performed by the transferee. In many cases it was found that an objectionable custom unknown under Native rule had sprung up owing to the neglect of the endowments of institutions displayed by our Government. The managers have begun to consider the property hereditary, and it has been divided among their heirs. The assets are thus frittered away, and are not really spent on the temple. In order that the object of these grants may be attained, it is necessary, as the Extra Assistant Commissioner observes, that one person should always succeed as manager, and that neither the duty of service at the temple nor the assets of the land should be divisible among heirs. The manager should make no allowances from the income of the shrine for the support of his relatives, but until a book is regularly kept up showing expenses and receipts, and this book is liable to periodical inspection by Government Officers, the managers can practically do what they please.

297. *Personal hereditary grants.*—In the second class; personal hereditary grants, the land was generally given as a reward for service (Jilda Khidmut) or as a means of support (madad maash), the majority of the holdings date from the Mogul Empire and the power of transfer is not mentioned as having been granted in any of the Sunnuds. Transfers, however, both mortgages and sales, have been common, and to 29 villages the rule of one-fourth assessment has been applied. In the

Ajmore Tehsil in 25 villages there have been transfers in 62 cases, and revenue to the amount of Rupees 337 has been assessed. In Beawur there has been one transfer and the land transferred has been assessed at Rupees 2. In Todghur there have been three transfers in three villages, and an assessment of Rupees 5 has been imposed. The total revenue assessed is Rupees 344. Where the whole holding has been mortgaged, the revenue will be collected from the transferee, where a portion only has been transferred it will be collected from the manfeedar. These holdings have in course of time been so minutely subdivided that a share often consists of only a few square yards. Divisions have gone on more extensively among the Hindoo holdings than among those belonging to Mahomedans. The recording of the shares for the first time raised a considerable number of disputes, but the record has been framed on the basis of possession, and in the genealogical tables which have been prepared, and in the evidence which has been recorded, the Courts will now have some ground on which to proceed in the decision of these disputes.

298. *Life grants.*—Life grants are only 50 in number and call for no particular remarks, except as to the procedure to be adopted in future in their resumption. There has been no record of shares, yet the practice has been that the amount of share belonging to each sharer should be resumed on his death. Very few shares, however, were resumed, and the rule that no part of a holding dependent on joint lives should be resumed till all the lives are extinct will avoid much difficulty in future.

299. *Grants during good behaviour.*—When Colonel Dixon governed Mhainwarra he made several life grants of small patches of land averaging in size one and a half beegah to certain headmen who had rendered good service to the State. Four patches of land, in all six beegahs, were resumed on the death of the patels, but on the representation of Major Lloyd Government sanctioned the continuance of the grants till the expiration of the term of settlement, and directed the grants which had been resumed to be restored. The grantees attach an importance to these grants quite out of proportion to their intrinsic value, and the gain to Government by their resumption would be very small. The Chief Commissioner in the letter above quoted has sanctioned these patches of land being held during good behaviour.

300. *Service land.*—Chakirana maafee is nearly all unirrigated land and is only found in Todghur. It is land held by village servants which has received the sanction of Government. In the Statement of revenue-free holdings requiring sanction, which has been separately submitted, some few holdings of this class are to be found.

301. *Cesses.*—No maafee holding has hitherto paid any cesses on account of local funds. The orders of Government, however, enjoining the levy of a cess of 30 per cent. on account of roads, schools, and district post apply to maafee holdings equally with khalsa, and the proposal of the Committee on bhoom and rural police was that Rupee 1-14 per cent. on the amount which would have been assessed had the holding not been revenue-free, should be taken as a chowkeedaree cess, (Section 32, paragraph 3 of their Report.) This proposal was sanctioned by Government among others in letter No. 230 R., dated 24th September 1874, so that the total tax on manfedars is 5 per cent. of the reve-

due which would have been assessed. The annexed Statement shows the amount of these cesses by assessment circles :—

Statement of cesses in Maafee holdings.

Serial Number.	Name of Tehsil.	Name of Circle.	Revenue by village rates.	CESSES AT 5 PER CENT.		
				District Fund at Rupees 3-2.	Chowkedaree at Rs. 1-11 per cent.	TOTAL.
			Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1	Ajmere . .	Ramsar . . .	620 0 0	185 0 0	117 0 0	312 0 0
2	" . .	Rajchur . . .	1,536 0 0	47 8 0	23 8 0	78 0 0
3	" . .	Jangwana . . .	3,149 0 0	97 8 0	58 8 0	166 0 0
4	" . .	Ajmere . . .	8,568 0 0	215 0 0	129 0 0	341 0 0
5	" . .	Poshakur . . .	400 0 0	12 8 0	7 8 0	20 0 0
	Total . .	...	18,187 0 0	567 8 0	340 8 0	909 0 0
1	Deawar . .	Deawar . . .	761 0 0	25 10 0	15 6 0	41 0 0
2	" . .	Chang . . .	12 0 0	0 10 0	0 6 0	1 0 0
3	" . .	Shamghar . . .	240 0 0	7 8 0	4 8 0	12 0 0
	Total . .	...	1,013 0 0	33 12 0	20 4 0	58 0 0
1	Todghur . .	Bhabelan . . .	145 0 0	5 0 0	3 0 0	8 0 0
2	" . .	Dimer . . .	689 0 0	21 14 0	13 2 0	35 0 0
3	" . .	Todghur . . .	295 0 0	9 0 0	5 10 0	15 0 0
	Total . .	...	1,129 0 0	36 4 0	21 12 0	68 0 0
	Grand Total . .	...	20,299 0 0	637 8 0	382 8 0	1,010 0 0

302. *Maafees in Jaghire estates.*—There were 308 misls connected with revenue-free holdings in the jaghire estates and the sanctioned rules for the investigation of these, provided that all revenue-free land should be recorded whether given by Government or by the jaghiredar. These holdings are chiefly in the estates of the shrines of Khwaja Sahib and Mian Sahib, and the majority of them are founded on grants of the Emperors at the time of the endowment of the shrine. All transfers to strangers have been recorded and an excess over 5 per cent. has been resumed. Now that for the first time the estates have been measured, the managers will be able to apply for the resumption and assessment of invalid tenures. The accompanying Statement shows the detailed area of these holdings. The amount of revenue at village rates which has been alienated on these holdings is Rupees 11,820, and the cesses are Rupees 591, of which District Fund cess is Rupees 369-6, and Chowkedaree Rupees 221-10.

Statement of Maafee holdings in Jaghire estates.

Serial Number.	NATURE OF MAAFEE.	Number of holdings.	DETAIL OF AREA IN AQERS.					
			Chabl.	Total.	Abt.	Baral.	Uncultivat-ed.	TOTAL.
1	Institutions . . .	84	183	14	10	221	122	520
2	Hereditary . . .	327	2,310	63	102	1,400	1,483	5,338
3	Life grants . . .	5	23	...	2	1	1	28
4	Chakirans . . .	12	...	3	...	13	16	31
	Total . .	438	2,615	79	114	1,635	1,622	8,965

CHAPTER XV.

RECORDS.

303. *New system of record adopted.*—The system of record which has been adopted and sanctioned for this settlement was originally worked out by the present Extra Assistant Commissioner, Maharaj Kishn, when serving in the Punjab. It was tried in the district of Pathankot, but was disapproved of as introducing a discordant element into the Punjab system. Maharaj Kishn has prepared a specimen settlement misl for incorporation in the Report, and as the system which has been adopted differs from that generally pursued and owes its origin to him, I have deemed it only fair to him to translate the misl and the original, and the translation will be found in the Appendices. The misl is in every way a complete one, though the village of Bhagwanpore does not exist, and the system of record can be easily and thoroughly understood from it.

304. *Description of the record.*—The basis of the record is the Pedigree Table of all owners, which shows their descent from the ancestor who originally obtained land in the village. The tribe which founded the village comes first, and in succession the other castes alphabetically. Owners who have died childless, who are absent, who are out of possession, and who are minors, are distinguished by colours, and a short note is added opposite their names. Each owner or body of owners then receives a separate number which is the number of his holding. The revenue-paying holdings are first numbered, and the revenue-free holdings which are numbered in red ink complete the tale of holdings in the village. These numbers then and the names of the owners having been entered at appropriate distances in the blank khuteoni, measurement began. In the specimen misl the first field measured happened to belong to the shamilat, and it was entered in the space left for the fields of holding No. 7. At the same time the index to the khuteoni was filled in by placing opposite to the printed serial No. 1 the number of the holding 7, and this process proceeded till all the fields were measured, placed under their owners' names in the khuteoni, and referred to the holdings to which they belong in the Index. Mortgaged holdings and the holdings held by tenants were entered as subordinate holdings of the original one. As has been already explained, the measurement and the entries were periodically checked as the work proceeded. The Statement of wells and the Statement of revenue-free land were also prepared while the measurement was in progress.

305. *Attestation.*—A khusr khuteoni in one was thus obtained, and the papers were now subjected to an attestation by a munsarim, who, at the same time, prepared the Wajib-ul-Arz. The duty of this official was in the presence of the putwaree and of the whole village to go through each holding, comparing carefully the record with the latest putwaree's papers, and if necessary with the record of last settlement, and to explain all discrepancies in the column of remarks. Corrections were made in red ink and signed by the munsarim. The settlement misl was now complete with the exception of the khewat, which consists of columns 21, 22, and 23 of the khuteoni. The papers having been finally attested by the Superintendent, who was bound to attest each holding, were sent to the Faring Office.

306. *Distribution of the revenue assessed.*—When the revenue of the villages had been announced, the rates at which each kind of land had been assessed were sent to the Superintendents, and the work of distributing the revenue commenced. The rates were, in the first instance, applied by the putwarees to the area of each holding, and the result shown in a rough paper called the "Chitta Tafrik." This paper was then taken by a munsarim to the village—a punchayat appointed and engagements taken from the punchayat to decide according to equity, and from the people to abide by the decision of the punchayat. The members of the punchayat were in all cases chosen by the people, though the number varied in different villages, the rates were then explained, and the sums assessed on each holding were read out. Objections to any particular assessment were heard and decided by the punchayat. Where doubt existed as to the fairness of an assessment, the munsarim took the objectors and the members of the punchayat to the fields, and the question of the rates at which they should be assessed was then and there decided. The decision of the punchayat is final, unless there is reason to believe that there has been corruption or misconduct on the part of its members; and the punchayats have done their work most satisfactorily on the whole. In nearly all villages there was considerable increase and decrease of the average rate on individual fields, and the award of the punchayat has been accepted without objection.

306. *Completion of the settlement misl.*—When the amount of the assessment had been distributed, the 10 per cent. cesses for putwarees and District Funds were added by the munsarim to the assessment of each holding at the rate of so many annas in the rupee, and the "Chitta Tafrik" was then ready for the attestation of the Superintendent. After his attestation the paper was sent to the Fairing Office where the revenue and cesses of each holding were entered in columns 21 and 22 of the khuteoni. A separate staff was set apart for this work, and the totals were again thoroughly tested. Each misl then underwent a summary inspection by the Extra Assistant Commissioner, the final rubkar was written, and the completed misl was ready for transmission to the Office of the Deputy Commissioner.

308. *Receipt books given to each owner.*—Each owner of land has received a small book showing the amount of revenue and cesses for which he is responsible. In the book is a sufficient number of receipts to last for the ten years of the settlement, and each owner has it in his power to keep a record himself of the sums which he shall yearly pay to the headman through whom he pays his revenue.

CHAPTER XVI.

MISCELLANEOUS.

309. *Mhairwarra villages in which the revenue is shared.*—It may be mentioned here that in 1822 it was found necessary to institute a full enquiry into the claims of Ajmere, Meywar, and Marwar, as to certain villages. The Court of Investigation recommended that the nine villages mentioned in the margin be held in trust, and eventually by orders of

Anakar.	Nai Bara,
Behar.	Nai Chhota.
Bar Kochran	Rudhanna.
Khera Nimri.	Sonianna.

Tarapur.

Government, dated 28th June 1837, half the net revenue of the villages was assigned to the Maharana of Oodeypoor, the villages being then included in Ajmere-Mhairwarra. Under orders dated 8th July 1825, the Thakoor of Massooda receives half the net revenue of the five villages of Jak, Shamghur, Lulua, Ragpoora, and Kheta Khara; and the Thakoor of Khurwa receives half the net revenue of the villages of Kana Khara and Kesarpooora. The Thakoor of Khurwa also receives one-fourth of the net revenue of the villages of Pathpoor 1st, and Tikraua Gujara. The revenue of certain fields in the Khurwa village of Gwarri is divided in equal shares between Government, the Thakoor of Massooda, and the Thakoor of Khurwa.

810. *Cesses*.—Statement F, in the Appendix shows the amount of the various cesses which have been taken at the present revision. The arrangements about cesses were sanctioned in the letter of the Secretary to the Government of India, No. 52R., dated 9th March 1874, but it was declared in paragraph 7 that the sanction accorded was for the term of settlement only, and that the orders of Government on the whole subject were open to revision at next settlement.

811. *Circle of headmen*.—It was determined to appoint three classes of headmen. The first, for whom no better name has been proposed than Zaildars or tribal headmen, are in reality headmen of a given cluster of villages. It is their duty to make themselves thoroughly acquainted with the condition of the villages in this circle, to bring to the notice of the Deputy Commissioner all facts deserving of notice, to use their best endeavours to adjust disputes, and, as far as in them lies, to assist in the due administration of the district. They are not to interfere in the collections, but to work through the village headmen. They are to receive 1 per cent. on the gross Government revenue of their circles. The amount to be distributed among them is Rupees 2,780, and it is intended that they shall be appointed by the votes of the lumberdars in the several villages; but as yet owing to the form of Sunnud to be granted to them not having been sanctioned, no appointments have been made. It is hoped that these gentlemen who will be the most influential men in the khalsa and jaghire villages, will be of considerable assistance in reconciling petty differences and making known orders in the Revenue Department.

812. *Lumberdars*.—A sum of Rupees 10,778 or 6 per cent. has been deducted from the gross sum assessed on each village for the payment of Zaildars and lumberdars, the latter of whom receive 5 per cent. In each village it was determined to form two classes of village headmen, called respectively lumberdars and patels, and the duties of these two classes are distinct. There are 408 villages in the district, and the number of the lumberdars is 611. Each village has, at least, one lumberdar; but in the larger villages it was found impossible to restrict the number to one, owing to the different castes which reside in the village. The number of lumberdars, however, has been kept down as much as possible. The lumberdar alone receives the 5 per cent. fees, and is considered a subordinate revenue official. He is the representative of the village in its corporate capacity. His duties are to keep an account of the common receipts and disbursements, to give information of crime, to ascertain that the village chowkedars perform their duties,

to furnish supplies when called on, and generally to carry out all lawful requisitions of Government. In so far as the lumberdar is a collector of revenue he is merely a patel.

313. *Patels.*—It was found that one of the greatest difficulties in collecting the revenue arose from the fact that no one of the many headmen appointed at last settlement was responsible for any fixed share of the assessment, and as a matter of fact the tehsildar demanded the revenue from those among the headmen whom he considered the most substantial in the village. At the present revision any well recognized division of a village has been allowed to choose a patel through whom their revenue shall be paid, but owing to disputes among the people it was found impossible to order that each man in the division should pay through the chosen representative. The lumberdars and patels were chosen and approved at the time of announcing the assessment of each village, and where any tolerable reasons for doing so could be shown the people were allowed to choose a patel. The list was then sent to the Superintendents who were instructed when distributing the revenue to record the vote of the owners of each holding as to which of the chosen headmen, whether lumberdar or patel, he desired to pay his revenue through. Lists of holdings were then made out according to headmen, and each headman has been given a list of his own constituents with the sums he is expected to collect from them and pay into the treasury. A counterpart list has been filed in the settlement record, so that in case of default the tehsildar can at once tell which of the headmen is in arrear and can demand the balance from him. In this way it has been endeavoured to make the headmen a strictly representative body as they ought to be, and to ensure that each man shall bear his own burden.

314. The patels do not receive pay from Government except in a few of the largest villages, where the amount of the 5 per cent. cess was too large to give to one lumberdar, and in which there was a number of patels. In accordance, however, with old custom, each patel has been allowed a remission of a portion of the revenue chargeable on his holding or share of his holding. The revenue having been first equitably distributed, the sum assessed on the land belonging to a patel has been reduced by one-fourth, and the deficiency spread over the other holdings. In some cases where the patels were newly-appointed, no reduction from their assessment was allowed. There are 506 patels who pay revenue at a reduced rate, and 26 patels who pay revenue at full rates. At last settlement a remission from the full rates was allowed in the case of Brahmans, Mahajans, and Rajpoots, but at the present distribution of the assessment, these distinctions have not been regarded.

315. *Headmen in Jaghire villages.*—No interference has been exercised in the matter of the appointment or remuneration of headmen in the jaghire estates. The jaghiredars, however, have been called on to state the names of the headmen in their villages and the remuneration they receive, which is generally the right to pay at a privileged rate. These lists have been filed in the Deputy Commissioner's Office for future reference.

316. *Putwarees.*—The provision for the payment of the putwarees at last settlement was a cess of 6 pie per rupee of the Government assessment, or Rupees 3-2 per cent. This was found in most cases entirely

insufficient. The putwarees were too few in number, the circles of many of them were quite unmanageable; while all but a very few were miserably underpaid. In 1859 they were graded, and in 1867 the grades were revised according to the scale of pay current in the North-Western Provinces. Three grades were formed of Rupees 120, 100, and 80 per annum, respectively. No good men could be got to take service at these rates, and vacancies in Mhairwarra where the pay was lowest could not be filled up. As soon as the survey commenced arrangements were made for the collection of an extra cess, by which every putwaree who was employed in measurement received at least Rupees 10 a month, and from July 1874 a new grading was established. Ten per cent. of the net Government revenue has been taken as cesses in each village: of this amount Rupees 3-2 per cent. is a lump cess for District Funds, and Rupees 6-14 per cent. is credited to the Putwaree Fund. The amount of the cess in Ajmere-Mhairwara is Rupees 18,045.

317. It was in the Beawur Tehsil that the circles were most unmanageable, and the putwarees most underpaid. In this tehsil nine new circles were formed; in the Ajmere Tehsil six, and in the Todghur Tehsil one. The following abstract shows the number and grading of the putwarees according to the present arrangement. It is hoped that in a few years arrangements may be made by which all the putwarees will reside in their own circles, and houses may be given to them where their records may be kept in safety.

Tehsil. Number of Putwarees. Grades of pay. Monthly cost.

		Rs.	Rs.
Ajmere	9	20	180
"	13	17	221
"	11	15	165
"	16	13	208
	—	—	—
Total	49	...	774
	—	—	—
Beawur	5	15	75
"	9	13	117
"	19	11	209
	—	—	—
Total	33	...	401
	—	—	—
Todghur	4	18	72
"	7	15	105
"	12	11	132
	—	—	—
Total	23	...	309
	—	—	—

Grand total 105 putwarees drawing Rupees 1,484 per mensem, or Rupees 17,808 per annum, thus leaving Rupees 297 in the Fund for rewards and promotions. The putwarees are now well paid, and even in Beawur none receive less than Rupees 11 a month. As vacancies occur in the higher grades the most deserving putwarees should be promoted, and the man who is newly-appointed should not necessarily succeed to

the pay of the putwaree whose circle may have become vacant. It will be observed that the pay of the putwarees in Beawur is Rupees 4,812 per annum, though the amount of the putwaree cess in Beawur is only Rupees 4,464. The putwarees in Ajmere are sufficiently highly paid, and Ajmere has been made to contribute something towards raising the low pay of the Beawur putwarees, who at last settlement received only Rupees 2,864.

318. *Jaghire Putwarees.*—The jaghire villages have for the first time been measured at the present revision, and no putwarees had heretofore been appointed for them. There were certain men in each village who were styled putwarees, but they were merely servants of the jaghiredar who rendered assistance in the collection of his rent or revenue. Arrangements have now been made for the appointment of distinct officials, and the jaghire villages have been formed into 20 circles. The arrangement of circles has been made according to estates, and the putwarees' villages are not conterminous. Owners of well-land and *sar-c. no lan* pay a putwaree cess of one anna a beegah yearly to the jaghiredar, who adds to this cess Rupees 2-14 per cent. of the assessment his estate would bear had the revenue not been alienated and pays the total into the jaghire Putwaree Fund. In this way a sum of Rupees 3,615 yearly has been obtained. The putwarees have been formed into four grades as follows:—

		Rs.	Rs.
2 at	. . . . .	20	= 40
4 "	. . . . .	17	= 68
6 "	. . . . .	15	= 90
8 "	. . . . .	12	= 96
Total	20		294

Total yearly cost Rupees 3,528, leaving a small balance for rewards and promotions.

319. *Chowkeedars.*—No provision has been made at this settlement for the levy of a chowkeedaree cess. The proposals of the Committee on bhoom tenures, which sat in August 1873, have been acted on in their entirety by the Government of India. No chowkeedars will be appointed in khalsa or jaghire villages, which contain less than 200 houses, but Mahajans in such villages will pay a cess of Rupee 1 per house per annum to the lumberdar who is responsible to Government or to the jaghiredar who is similarly responsible. In villages containing more than 200 houses chowkeedars will be appointed who will be paid Rupees 4 a month from the proceeds of a house-tax on non-agricultural residents, and who will be under the orders of the lumberdar or jaghiredar as the case may be. In the istumrar estates the istumrardar appoints his own chowkeedars.

320. *District Funds.*—The cesses for District Funds, Road, School, and Post cesses have, under the orders of Government, been taken in a lump sum and will be distributed by the local Administration. The total amount of the cess in khalsa villages is Rupees 8,213. To this will be added the contribution of the istumrardars, which it is proposed to levy at the rate of Rupees 3-2 per cent. on half their estimated income. The cesses on jaghiredars are at Rupees 3-2 per cent. of the

...the estates would bear, and amount to Rupees 2,015. The maafeedars are assessed also at 3-2 per cent. on the sum at which the land would be assessed if the revenue had not been alienated.

321. *Settlement charges.*—The total cost of the settlement, including the measurement of, and the preparation of a record in the jughire estates (for which a special grant of Rupees 11,000 was made) has been up to the 30th November 1874 Rupees 2,24,783-10-10. This expenditure will not be recouped to Government now that the revenue has been deduced otherwise than indirectly in the prosperity and contentment of the people. There was a balance unexpended of Rupees 8,827-3-11 on the 1st December 1874, and this sum will be more than sufficient to complete the work.

322. *Notice of Officers.*—Pundit Maharaj Kishn joined his appointment as Extra Assistant Commissioner in February 1872. Throughout his career he had been employed in the Punjab settlements, and to a mind of considerable originality he has united an intimate knowledge of the details of his work. He has supervised his subordinates well, and the work he has done himself has been thorough and satisfactory. Nearly all the case work of the settlement has been done by him, and his decisions have been seldom appealed against and still more rarely have they been modified. His character has stood high wherever he has been, and I earnestly recommend his services to the favourable notice of Government.

Ramnath, the Superintendent of Beawur, and Punna Lall, Superintendent of Todghur, have both done excellent work, nor could I say which of the two has displayed most zeal in the performance of his duties. Ramnath was a stranger from the Punjab, but he speedily acquired the confidence of the Mhairs of Beawur, and the records in this tehsil, where the majority of the villages are small, are perhaps the best in the district. Punna Lall was new to settlement work, but he set himself vigorously to master it, and as Tehsildar he had learnt to know the rawats thoroughly, and they had learnt to know and trust in him. Without such an officer in the post of Superintendent, a satisfactory settlement of the Tehsil of Todghur, where the land is so minutely subdivided as it is, would have been very difficult. Of the services of the Deputy Superintendents, Pohllo Mal and Srichand, I am able to speak in terms of unqualified praise.

(Sd.) J. DIGGES LA TOUCHE,
Settlement Officer.

APPENDICES.

REPORT ON THE SETTLEMENT OF THE

Appendix A.

List of Tanks whose water revenue has been separately assessed in a lump sum with the villages whose land is submerged.

Circle.	Name of Tank.	Name of Village.	Rates.			Water Revenue.	Minimum rate.	Maximum rate.	Amount of submerged land.		Villages with submerged land which is yearly to be assessed.	Amount of land sub-merged.	Fixed rate on sub-merged land.	Fixed rate on sub-merged land.	Remarks.
			On Tank.	Boil-rate.	Water-rate.				R. a. p.	R. a. p.					
5	Ramar	Narain	1 10	0 15	3 15	411	1 0	3 0	19	11	...	...	...	...	These tanks irrigate both tanks.
21	Ditto	Ditto	4 6	0 10	3 15	150	1 0	3 0	18	11	...	...	...	...	These tanks irrigate both tanks.
22	Ditto	Ditto	4 6	0 10	3 15	259	1 0	3 0	18	11	...	...	...	...	These tanks irrigate both tanks.
23	Ditto	Ditto	4 6	0 10	3 15	710	1 0	3 0	18	11	...	...	...	...	These tanks irrigate both tanks.
51	Ditto	Ditto	4 6	0 10	3 15	265	1 0	3 0	18	11	...	...	...	...	These tanks irrigate both tanks.
51	Ditto	Ditto	4 6	0 10	3 15	1,091	1 0	3 0	18	11	...	...	...	...	These tanks irrigate both tanks.
125	Ditto	Ditto	4 6	0 10	3 15	1,441	1 0	3 0	18	11	...	...	...	...	These tanks irrigate both tanks.
48	Ditto	Ditto	4 6	0 10	3 15	3,750	1 0	3 0	18	11	...	...	...	...	These tanks irrigate both tanks.
49	Rajgar	Ditto	4 6	0 10	3 15	131	1 0	3 0	18	11	...	...	...	...	These tanks irrigate both tanks.
61	Ditto	Ditto	4 6	0 10	3 15	415	1 0	3 0	18	11	...	...	...	...	These tanks irrigate both tanks.
67	Ditto	Ditto	4 6	0 10	3 15	273	1 0	3 0	18	11	...	...	...	...	These tanks irrigate both tanks.
69	Ditto	Ditto	4 6	0 10	3 15	419	1 0	3 0	18	11	...	...	...	...	These tanks irrigate both tanks.
1	Ajmer	Ditto	4 6	0 10	3 15	409	1 0	3 0	18	11	...	...	...	...	These tanks irrigate both tanks.
7	Ramar	Ditto	4 6	0 10	3 15	291	1 0	3 0	18	11	...	...	...	...	These tanks irrigate both tanks.
10	Ditto	Ditto	4 6	0 10	3 15	45	1 0	3 0	18	11	...	...	...	...	These tanks irrigate both tanks.
31	Ditto	Ditto	4 6	0 10	3 15	311	1 0	3 0	18	11	...	...	...	...	These tanks irrigate both tanks.
20	Ditto	Ditto	4 6	0 10	3 15	183	1 0	3 0	18	11	...	...	...	...	These tanks irrigate both tanks.
36	Ditto	Ditto	4 6	0 10	3 15	563	1 0	3 0	18	11	...	...	...	...	These tanks irrigate both tanks.
37	Ditto	Ditto	4 6	0 10	3 15	93	1 0	3 0	18	11	...	...	...	...	These tanks irrigate both tanks.
41	Ditto	Ditto	4 6	0 10	3 15	233	1 0	3 0	18	11	...	...	...	...	These tanks irrigate both tanks.
47	Ditto	Ditto	4 6	0 10	3 15	825	1 0	3 0	18	11	...	...	...	...	These tanks irrigate both tanks.
47	Ditto	Ditto	4 6	0 10	3 15	356	1 0	3 0	18	11	...	...	...	...	These tanks irrigate both tanks.
54	Ditto	Ditto	4 6	0 10	3 15	210	1 0	3 0	18	11	...	...	...	...	These tanks irrigate both tanks.
71	Ditto	Ditto	4 6	0 10	3 15	603	1 0	3 0	18	11	...	...	...	...	These tanks irrigate both tanks.
73	Ditto	Ditto	4 6	0 10	3 15	171	1 0	3 0	18	11	...	...	...	...	These tanks irrigate both tanks.
71	Ditto	Ditto	4 6	0 10	3 15	643	1 0	3 0	18	11	...	...	...	...	These tanks irrigate both tanks.
50	Ditto	Ditto	4 6	0 10	3 15	219	1 0	3 0	18	11	...	...	...	...	These tanks irrigate both tanks.
52	Ditto	Ditto	4 6	0 10	3 15	219	1 0	3 0	18	11	...	...	...	...	These tanks irrigate both tanks.
53	Ditto	Ditto	4 6	0 10	3 15	219	1 0	3 0	18	11	...	...	...	...	These tanks irrigate both tanks.
54	Ditto	Ditto	4 6	0 10	3 15	219	1 0	3 0	18	11	...	...	...	...	These tanks irrigate both tanks.
103	Ditto	Ditto	4 6	0 10	3 15	219	1 0	3 0	18	11	...	...	...	...	These tanks irrigate both tanks.

The remaining tanks of Ajmer do not irrigate the rubber hat.

Tells Thok.

List of Tanks whose water revenue has been separately assessed in a lump sum. &c.—concluded.		Villages with submerged lands.		Khandyab.	
No.	Area.	Acres.	Approximate value of water revenue.	Approximate value of land revenue.	Approximate value of water revenue.
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Appendix B.

Statement showing collections of farmers.

No. in village Note Book.	Circle.	Village.	Former assess- ment.	Average reub- roll.	Present net as- sessment.	Name of Farmer.
			Rs.	Rs.	Rs	
30	Ramsar	Tehari	4,040	4,047	2,259	Chand Mal (Seth).
35	Ditto	Jatei	1,208	920	522	Cheetur Sing.
36	Ditto	Jalkora	1,360	1,064	749	Fath Mal (Seth).
37	Ditto	Jaswantpoora	946	1,682	909	Malji.
58	Ditto	Rampoora				
47	Ditto	Danta	1,286	1,241	684	Chiter Sing.
57	Ditto	Ramsar	6,970	5,241	5,298	Raj Mal (Seth).
60	Ditto	Rampoora	1,566	1,742	1,086	" "
69	Ditto	Srinuggur				
70	Ditto	Srinuggur	7,478	7,176	4,007	Fath Mal "
82	Ditto	Sanodi	2,450	2,697	1,742	Kalu Ram.
85	Ditto	Kanakheri	1,846	3,103	1,842	Jumna Dassoswal.
94	Ditto	Kalianpoora	233	227	154	Brij Lal Bahadur Sing.
95	Ditto	Kesurpoora	525	503	360	" "
97	Ditto	Gekri	5,058	4,925	3,704	Raj Mal (Seth).
105	Ditto	Gadheri	1,030	968	564	Poonam Chand.
106	Ditto	Loharwara	3,342	2,909	2,026	Kalu Ram.
112	Ditto	Luchmipoora	880	285	182	Raj Mal (Seth).
113	Ditto	Mohanpoor	394	367	213	Fath Mal "
125	Ditto	Mappoora	490	840	356	" "
134	Ditto	Nearan	2,153	2,510	1,791	Chand Mal "
135	Ditto	Naulakha	410	475	259	Fath Mal "
136	Ditto	Hathibata	1,555	7,352	804	" "
		Hanwanten	1,192		871	Malji.
	Total	Total	46,369	45,852	29,857	
6	Rajghur	Ansri	609	865	511	Saligram Jyotishi.
11	Ditto	Balnanta	1,092	1,090	477	Ajoy Raj Nahr.
20	Ditto	Bithur	1,664	1,358	1,155	Raj Mal (Seth).
49	Ditto	Darathu	5,025	5,581	3,742	Chand Mal
103	Ditto	Guela	2,095	4,490	2,351	Amarn Sing.
129	Ditto	Nag-lao	3,200	4,757	3,418	Raj Mal (Seth).
131	Ditto	Nureawas	911	1,078	634	Choga Lal.
	Total	Total	14,497	19,219	11,398	
4	Gangwana	Akhri	1,530	1,085	856	Kalu Ram.
18	Ditto	Bobani	1,313	1,220	814	Raj Mal (Seth).
109	Ditto	Lohagul	611	369	32	Brij Lal.
121	Ditto	Makurwari	1,089	2,056	1,682	Raj Mal (Seth).
137	Ditto	Hurmara	3,000	2,712	1,509	Hanant Mal, Fath Lal
	Total	Total	8,443	7,451	5,183	
39	Ajmere	Jethana	6,107	7,461	5,018	Ratu Sing Mehta.
		GRAND TOTAL	75,416	79,983	51,406	

Appendix C.

Statement of area of Istumrar Estates under the Court of Wards.

Serial Number.	NAME OF ESTATE.	Number of villages.	Total area.	UNASSESSED.			UNCULTIVATED.			CULTIVATED AREA.					Total of Malgoots under area.
				Waste.	Malgoots.	Uncultivated.	Culturable.	Fallow.	Total.	Chauli.	Talabi.	Abl.	Barani.	Total.	
1	Junia	16	38,174	2,873	..	2,373	22,385	660	23,045	2,402	741	928	8,287	12,358	35,801
2	Pisagun	11	31,846	9,438	..	9,438	10,613	2,961	13,574	2,447	432	113	5,832	8,803	22,407
3	Sathana	6	11,609	1,443	..	1,443	7,212	462	7,674	707	314	195	1,216	2,431	10,168
4	Kybanis	2	5,115	369	..	369	3,028	105	3,133	352	322	250	633	1,612	4,746
5	Frabhera	1	9,947	502	..	502	5,199	813	6,012	629	223	217	2,359	3,433	9,445
6	Kadhara	1	8,203	1,468	..	1,468	1,907	79	1,986	676	9	13	2,000	2,748	4,714
7	Geela	3	8,182	1,333	..	1,333	5,105	307	5,412	596	214	52	580	1,432	6,844
8	Shokla	1	5,060	1,150	..	1,150	2,329	82	2,431	130	119	30	1,180	1,489	3,910
9	Kuronj	1	4,536	243	..	243	1,578	21	1,599	103	22	1,038	1,631	2,691	4,293
	TOTAL	43	1,20,871	18,815	..	18,815	52,116	6,390	61,806	8,032	2,451	2,869	23,693	37,050	1,01,858

Appendix D.

Territorial Distribution of Khaywarra.

Appendix D.

Territorial Distribution of Minorities.

UNDEVELOPED LAND, CULTIVATED LAND, AND CHILL-ABRA DISTRICTS.

128

NAME OF TERRIT.	Territory.	Past and Present.	Number of Villages.	Total Area.	UNDEVELOPED.			UNDEVELOPED.			CULTIVATED.					Total Available.	
					Parces.	Revenue free.	Total.	Cultivable waste.	Fallow.	Total.	Chill.	Total.	AHL.	Buzul.	Total.		
Todghur	Khalas	Present	182	1,45,358	81,000	310	82,311	18,073	2,712	19,785	8,301	7,118	3,277	10,397	21,207	12,000	
	Ditto	Present	23	63,178	18,000	74	18,074	1,214	304	1,518	903	903	379	1,292	3,814	5,128	
	Total	Present	210	2,16,011	1,41,105	304	1,41,105	10,323	2,000	12,323	6,937	5,185	8,818	17,211	32,235	54,064	
Bawar	Marwar	Past	18	21,187	10,800	...	19,137	673	773	1,346	704	704	273	1,021	1,901	3,325	
	Ditto	Present	20	20,913	20,000	...	21,000	1,123	...	1,123	177	177	...	1,023	2,410	4,128	
	Total	Past	6	14,334	14,800	6	15,808	73	07	212	713	125	71	273	778	950	
Totals	Ditto	Past	4	20,119	10,617	4	10,672	63	227	290	301	31	22	323	774	1,170	
	Ditto	Present	19	22,819	33,229	19	33,229	1,003	277	1,280	823	343	303	1,200	2,709	4,113	
	Marwar	Past	24	41,094	32,331	24	32,331	1,573	1,203	2,776	1,003	1,003	1,003	2,410	5,410	8,228	
Fodghur	Marwar	Past	30	72,211	31,011	30	31,011	1,003	1,003	2,006	1,003	1,003	1,003	2,410	5,410	8,228	
	Ditto	Present	86	31,073	31,073	86	31,073	1,003	1,003	2,006	1,003	1,003	1,003	2,410	5,410	8,228	
	Total	Past	27	1,13,073	62,084	27	62,084	2,006	2,006	4,012	2,006	2,006	2,006	4,820	10,820	16,646	
Totals	Ditto	Present	41	1,37,073	1,12,973	41	1,12,973	2,006	2,006	4,012	2,006	2,006	2,006	4,820	10,820	16,646	
	Ditto	Past	77	1,02,011	1,02,011	77	1,02,011	2,006	2,006	4,012	2,006	2,006	2,006	4,820	10,820	16,646	
	Total	Present	93	1,77,084	1,77,084	93	1,77,084	4,012	4,012	8,024	4,012	4,012	4,012	9,640	21,640	33,292	

Appendix F.
Statement showing Water Revenue and Cesses.

Taluk.	Circle.	LAND REVENUE.			CESSES.				Total Land Revenue and Cesses.
		Dry aspest.	Water Revenue.	Total.	Lumberdars' fees.	Purwarces' fees.	District Funda.	Total.	
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
AJMER.	Ramsar	33,053	18,630	51,705	3,309	2,577	1,523	8,500	60,215
	Rajghur	23,508	5,985	29,493	1,849	1,994	897	4,740	33,634
	Genawana	22,779	1,834	24,613	1,580	1,594	774	4,048	28,711
	Ajmera	30,303	767	31,075	1,985	2,156	972	5,094	36,169
	Poonkhur	6,558	...	6,558	420	449	205	1,075	7,633
	Total	1,16,209	26,637	1,42,846	9,144	9,450	4,473	23,456	1,66,302
BHAIWARA.	Beawar	22,936	15,822	38,758	2,495	2,685	1,227	6,407	45,229
	Chang	5,462	1,228	6,690	471	501	236	1,208	8,431
	Shamghur	14,810	...	14,810	1,190	1,278	531	3,049	21,452
	Total	43,208	31,270	74,478	4,156	4,464	2,041	10,664	75,142
TODGARH.	Bhaolan	5,797	3,271	9,068	556	627	283	1,495	10,563
	Dawalr	19,835	715	20,550	1,320	1,413	612	3,381	23,971
	Todghur	21,076	3,449	24,525	1,572	1,601	767	4,030	28,555
	Total	46,708	7,435	54,143	3,478	3,731	1,667	8,906	63,049
	Total Bhaiwarra	89,916	32,745	1,22,661	7,634	8,195	3,711	19,570	1,39,231
	TOTAL AJMER-BHAIWARA	2,00,125	58,482	2,58,607	16,778	19,645	8,213	46,536	3,04,593

DETAILED

Serial number of village.	Name of Circle.	Name of village.	Caste of Bhoomid.	Name of Mathia Bhoomid.	Number of ahars.	Total area.	CHANGERSABLE.		
							Patten.	Masfe.	Total.
1	2	3	4	5	6	7	8	9	10
1	Ramsar	Aheran	Rahito	...	12	167 3	9 3	...	0 3
2	Ditto	Kepull	Sasodia	...	10	820 10	1 0	...	1 0
3	Ditto	Dewalla	Hahore	...	8	213 6	4 7	...	4 7
4	Ditto	Ran, ruda	Ditto	...	8	450 10	27 16	...	37 16
5	Ditto	Dhal	Ditto	...	38	976 10	161 1	...	161 0
6	Ditto	Loharwar	Ditto	...	15	676 1	14 2	...	14 2
7	Ditto	Danta	Ditto	...	11	371 2	10 3	...	10 3
8	Ditto	Jaten	Ditto	...	7	396 9	11 12	...	13 14
9	Ditto	Tihari	Rahitore	...	7	490 11	119 14	...	119 14
10	Ditto	Kohari	Ditto	Thakoor Kal- yan Sing.	7	4,335 10	6 10	...	6 10
11	Ditto	Baheran	Ditto	...	17	617 11	0 0	...	0 0
12	Ditto	Hicel	Ditto	...	14	64 16	23 6	...	23 6
13	Ditto	Pharke	Ditto	...	12	205 2	6 13	...	6 13
14	Ditto	Silau	Ditto	Thakoor Bhy- ri dal.	13	1,257 19	134 10	...	134 10
15	Ditto	Chandolal	Ditto	...	1	311 8	10 0	...	10 0
16	Ditto	Dubrela	Ditto	...	17	607 4	6 8	...	6 8
17	Ditto	Dhigara	Ditto	...	6	691 0	10 0	...	10 0
18	Ditto	Mingoot	Ditto	...	7	451 16	31 17	...	31 17
19	Ditto	Kempora	Ditto	...	10	621 2	2 11	...	2 11
20	Ditto	Hanuar	Ditto	...	3	126 16	1 0	...	1 0
21	Ditto	Selen	Ditto	...	3	310 9	0 16	...	0 16
22	Ditto	Ba'apoor	Ditto	...	8	262 10	20 17	...	20 17
23	Ditto	Lavera	Ditto	...	13	473 8	12 1	...	12 1
24	Ditto	Neyra	Ditto	...	10	848 16	8 1	...	8 1
25	Ditto	Hauwaula	Ditto	...	9	923 10	61 10	...	61 10
26	Ditto	Sanoli	Ditto
27	Ditto	Sanoli	Ditto
28	Ditto	Sanoli	Ditto
29	Ditto	Sanoli	Ditto
30	Ditto	Sanoli	Ditto
31	Ditto	Sanoli	Ditto
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AREA OF DHOOM.

AREA OF DHOOM.													NATURE OF SERVICE.		Amount of increase.
ASSESSABLE.													Horseman.	Footman.	
Uncultivated.			Cultivated.						Total Malgozazee.						
Culturable.	Fallow.	Total.	Chahl.	Talabi.	Abi.	Naranl.	Total.	20		21	22	23			
80 18	8 0	89 2	56 15	...	...	34 3	88 18	178 0	...	1	Rs. 18		
165 0	10 2	175 2	14 17	...	...	120 11	141 8	819 10	...	1	7		
10 0	19 19	29 19	88 10	...	...	160 10	179 8	203 19	...	1	14		
46 4	12 8	58 0	35 7	8 18	...	280 8	333 11	432 2	...	1	17				
49 3	58 17	108 0	143 18	...	40 0	513 12	701 10	811 10	1	...	69				
93 9	39 14	133 3	124 16	...	4 10	317 1	641 16	874 18	1	...	77				
9 8	20 12	29 18	180 17	...	...	70 8	267 1	291 18	1	...	75		
7 14	7 3	14 17	117 0	...	32 7	68 14	163 14	160 11	...	...	15		
66 15	1 0	67 15	21 5	2 16	28 4	247 14	804 2	371 17	...	...	81		
1,302 8	489 0	1,791 8	117 12	20 3	...	2,261 13	2,437 12	4,222 0	...	...	20		
168 4	1 0	169 4	48 9	...	...	279 12	328 1	617 5	...	1	131		
64 7	21 9	85 16	62 7	29 10	...	399 0	490 17	878 13	...	1	32				
4 11	...	4 11	76 1	14 3	17 2	218 12	353 18	570 8	...	1	43				
485 1	146 11	631 12	235 3	30 8	40 17	774 14	1,079 17	1,691 9	...	1	11				
193 3	9 18	203 1	11 7	31 8	18 8	64 9	125 7	328 8	...	...	20		
113 14	14 7	123 1	48 7	6 11	30 16	699 5	673 14	801 19	1	...	24				
68 3	21 9	89 12	57 3	5 3	...	442 2	481 8	874 0	1	...	14				
87 1	22 6	109 8	10 9	2 15	33 1	208 3	320 8	429 17	...	1	23				
229 3	107 14	336 17	61 7	...	...	104 7	185 14	631 11	...	1	4		
1 11	...	16 11	7 10	...	...	103 15	111 5	127 16	...	1	8		
270 6	6 12	276 17	23 17	...	...	...	23 17	300 14	...	1	45	
17 17	22 7	40 0	132 18	...	...	169 4	292 2	332 3	1	...	67		
24 16	10 14	35 9	118 1	183 16	37 18	25 13	375 14	411 7	1	...	31				
192 4	6 1	198 5	89 10	...	...	162 2	280 12	344 17	...	1	75		
298 6	24 19	323 5	188 2	11 12	10 1	275 9	518 4	889 9	...	...	874		
4,051 10	1,092 7	5,143 3	2,115 17	403 13	314 12	7,905 18	10,805 0	15,939 3	10	14	80				
194 9	18 8	212 17	212 13	...	...	173 17	418 10	629 7	...	1	26		
...	...	...	77 14	...	4 6	81 2	103 5	183 5	...	1	15		
...	...	...	45 9	...	1 16	...	47 3	47 3	...	1	16		
115 8	14 4	129 12	45 1	...	...	198 11	144 14	314 6	...	1	40		
421 12	132 11	554 8	109 15	...	...	275 0	345 4	589 7	...	1	81		
...	8 1	8 1	240 11	...	...	173 4	419 15	427 16	...	...	259
781 9	173 4	954 13	787 6	...	5 19	843 0	1,618 11	2,621 4	1	...	3				
91 13	...	91 13	...	...	...	99 14	99 14	191 5	...	1	4	
...	5 5	5 5	...	...	...	271 15	271 15	277 0	...	1	53	
12 0	78 8	80 14	128 12	...	7 3	622 18	768 14	840 6	...	1	11				
1 16	83 3	84 19	60 7	...	...	124 1	148 11	148 11	...	1	22		
25 13	...	25 13	...	...	...	203 2	263 8	349 8	...	1	6	
...	...	...	11 18	...	...	147 13	147 13	173 5	...	1	9
6 8	...	6 8	22 13	...	...	6 11	18 9	118 7	...	1	50		
3 14	...	3 18	110 16	...	...	89 5	111 18	158 8	...	1	145		
81 8	3 0	84 14	41 17	...	...	43 13	44 17	79 11	...	1	7		
16 3	17 7	33 9	437 13	...	23 1	149 18	600 10	634 14	1	...	13				
...	...	...	20 2	...	...	90 5	110 7	110 7	...	1	29
...	...	...	36 16	...	...	60 0	93 16	96 16	...	1	34
...	127 9	129 8	89 17	...	...	42 16	133 13	233 2	...	1	1		
1 13	6 1	7 14	191 11	13 2	...	29 15	173 8	161 2	...	...	1		
153 15	145 1	298 16	705 9	...	...	629 10	1,344 19	1,633 16	...	...	1
11 0	85 4	86 4	129 8	...	...	134 0	233 3	299 7	...	...	1
...	89 13	89 13	22 14	...	...	93 15	140 8	230 1	...	...	1
...	2 18	2 18	...	...	...	81 9	93 16	96 14	...	...	1
...	...	...	...	...	...	34 12	34 12	34 12	...	...	1

Bknom Statement

							DETAILED			
Serial number of village.	Name of Circle.	Name of village.	Caste of Bhoomia.	Name of Makhya Bhoomia.	Number of shares.	UNASSURABLE.				
						Total area.	Barren.	Manuse.	Total.	
2	3	4	5	6	7	8	9	10	11	
50	Gangwana .	Magri .	Rahtore Sata- wat.	7	B. b. 14 9	
51	Ditto .	Ditto .	Do. Jodha	4	101 6	1 0	...	1 0	
52	Ditto .	Mohemi .	Pathan	97	114 8	8 2	...	9 3	
53	Ditto .	Harmara .	Kachwaha	11	2,793 15	89 15	...	99 15	
22	Total .	Gangwana	487	9,254 19	407 12	...	407 12	
54	Rajchur .	Nageloo .	Rahtore	15	889 0	113 2	...	113 2	
55	Ditto .	Mhaonta .	Ditto	93	599 15	5 15	...	5 15	
56	Ditto .	Balwanta .	Ditto	3	118 6	5 7	...	5 7	
57	Ditto .	Kalewa .	Ditto	12	1,425 6	80 13	...	80 13	
58	Ditto .	Korawas .	Ditto	15	49 9	
59	Ditto .	Nandla .	Gor	38	884 12	61 19	...	61 19	
60	Ditto .	Narathu	15	214 14	4 15	...	4 15	
61	Ditto .	Rata Khara .	Rahtore	15	30 0	
62	Ditto .	Jagpoora	15	28 0	
63	Ditto .	Chat	15	20 7	
64	Ditto .	Dhol Danta	15	83 0	
65	Ditto .	Molipoora	15	30 6	
12	Total Rajchur	191	3,964 6	221 11	...	221 11	
66	Ponshkur .	Barell .	Rahtore	21	103 0	1 4	...	1 4	
67	Ditto .	Rampoor .	Ditto	5	539 19	3 6	...	3 6	
68	Ditto .	Nand .	Ditto	6	395 13	4 8	...	4 8	
69	Ditto .	Nand .	Ditto	27	1,251 17	281 19	...	281 19	
70	Ditto .	Sarajkhanda .	Ditto	23	75 12	0 9	...	0 9	
71	Ditto .	Kholai .	Ditto	38	223 3	21 3	...	21 3	
72	Ditto .	Khor .	Ditto	21	165 6	7 6	...	7 6	
73	Ditto .	Luhawa .	Ditto	14	1,908 1	285 13	...	285 13	
74	Ditto .	Kanus .	Ditto	1	88 9	0 10	...	0 10	
13	Total Ponshkur	125	4,709 0	584 18	...	584 18	
75	Ramsar .	Rhatiani .	Rahtore	1	1,333 18	151 10	...	151 10	
76	Ditto .	Sat-ja .	Ditto	11	214 12	5 7	...	5 7	
77	Ditto .	Ditto .	Ditto	1	113 6	3 13	...	3 13	
78	Ditto .	Beer .	Ditto	1	261 8	11 9	...	11 9	
79	Ditto .	Haneori .	Ditto	4	384 18	17 14	...	17 14	
80	Ditto .	Dilwari .	Ditto	11	143 11	1 5	...	1 5	
81	Ditto .	Sitawarian .	Ditto	20	2,114 5	287 11	...	287 11	
82	Ditto .	Nabab .	Ditto	9	244 11	38 17	...	38 17	
83	Ditto .	Kadampoor .	Ditto	3	58 6	8 8	...	8 8	
84	Ditto .	Kesurpoora .	Ditto	3	68 4	0 6	...	0 6	
85	Ditto .	Khyria Mee- ran Sahib .	Ditto	1	199 1	9 18	...	9 18	
86	Ditto .	Kanus .	Ditto	2	63 10	1 11	...	1 11	
87	Ditto .	Chayia Khwa- ja Sahib .	Ditto	1	222 13	18 8	...	18 8	
88	Ditto .	Morajhari .	Ditto						

Ajmere—continued.

AREA OF BHOOM.

AGRICULTURE.									NATURE OF SERVICE.		Amount of nurseries.
Uncultivated.			Cultivated.					Total mangoarea.	Horseman.	Footman.	
Culturable.	Fallow.	Total.	Chabl.	Tahbl.	Abl.	Harml.	Total.				
13	13	14	15	16	17	18	19	20	21	22	23
...	...	...	...	...	...	14 9	14 9	14 9	...	1	Rs. 1
8 0	...	8 0	69 4	...	...	31 14	103 18	101 8	...	1	21
1 13	5 8	6 18	25 2	...	...	73 6	93 8	105 8	...	1	9
276 9	629 19	1,105 8	637 14	13 4	63 13	874 1	1,558 13	2,091 0	1	...	323
633 2	1,421 10	2,055 1	2,703 17	26 2	123 3	3,334 0	6,792 6	8,947 7	3	18	945
267 1	79 17	346 18	95 5	45 3	...	227 18	399 8	748 4	...	1	41
52 5	...	52 5	272 4	...	...	269 11	641 15	894 6	1	...	81
12 7	30 8	61 13	23 2	...	...	34 4	59 8	110 18	...	1	8
79 13	169 14	249 7	307 3	...	...	838 3	1,143 6	1,394 13	1	...	111
3 0	...	3 0	...	...	...	40 8	40 8	40 9	...	...	1
32 0	21 3	63 3	110 19	14 18	15 8	303 7	444 10	497 14	...	...	1
47 14	...	47 14	61 13	4 8	25 11	80 13	162 5	203 19	...	1	44
...	...	...	...	2 13	...	20 2	30 0	30 0	...	...	...
3 1	...	3 1	...	24 12	...	23 13	26 6	26 6	...	1	80
1 1	11 0	12 7	...	18 17	...	14 3	33 0	33 0	...	...	...
405 5	321 5	616 10	661 6	110 9	50 17	1,903 13	2,928 5	3,742 15	2	5	316
15 15	...	15 15	6 13	44 15	31 13	...	65 1	100 16	...	1	11
6 19	271 11	180 10	138 9	...	...	312 14	361 3	431 13	...	1	47
27 11	01 0	108 11	77 14	...	...	205 0	282 14	391 5	...	1	29
101 0	208 0	307 0	71 15	15 5	78 2	499 18	682 18	969 18	...	1	42
...	3 18	3 18	26 4	14 7	30 6	0 9	71 5	71 5	...	...	14
14 4	5 0	14 19	80 7	...	...	102 4	192 11	207 0	...	1	80
2 4	1 0	3 4	137 14	...	...	7 2	144 18	145 0	...	1	44
862 15	66 10	928 5	263 4	...	...	449 19	701 3	1,043 8	1	...	87
3 5	...	3 5	...	...	53 15	0 19	54 14	57 19	...	1	7
1,055 13	619 4	1,674 17	814 0	74 7	191 15	1,469 3	2,649 5	4,124 2	1	8	131
VILLAGES.											
1,022 7	45 6	1,067 13	47 10	78 0	67 2	93 1	284 13	1,353 6	...	1	84
1 10	6 19	8 9	108 2	2 3	34 0	66 11	200 18	299 5	...	1	40
6 16	...	6 16	70 2	...	26 10	68 18	108 13	109 13	...	1	9
...	...	...	...	...	1 0	172 1	243 3	240 19	...	1	26
89 15	24 7	64 3	40 3	12 14	...	197 5	283 3	367 4	...	1	23
1,777 12	3 0	1,180 12	89 19	...	...	98 4	142 14	142 0	...	1	18
71 17	17 0	68 17	31 7	8 14	...	558 3	648 2	1,828 14	...	1	37
...	...	...	10 19	9 2	...	78 10	118 17	207 14	...	1	19
50 18	...	50 18	15 3	...	...	29 17	49 18	49 18	...	1	5
77 18	7 17	85 15	103 8	...	...	...	18 3	85 18	...	1	83
...	...	...	...	...	...	...	103 8	189 3	...	1	19
89 15	7 19	97 14	60 19	41 14	...	41 15	60 19	60 19	...	1	14
126 13	8 0	134 13	134 13	6 13	...	...	206 4	...	...	1	49
63 5	10 6	72 11	88 15	...	...	292 0	435 5	669 18	...	1	15
19 2	16 9	35 11	63 18	11 11	63 17	184 11	183 6	365 17	...	1	37
2,746 5	166 1	2,903 0	321 7	170 11	225 10	1,897 6	3,214 14	6,117 14	...	15	575

REPORT ON THE SETTLEMENT OF THE

Bhoom Statement

Serial number of Bhoom.		DETAILED									
Serial number of Bhoom.		Serial number of village.	Name of Circle.	Name of village.	Caste of Bhoomla.	Name of Mukhya Bhoomla.	Number of akshars.	Total area.	UNASSURABLE.		
									Betwa.	Maaf.	Total.
1	2	3	4	5		7	8	9	10	11	
83	89	Ajmere	Doral	Rahitore	Mehtab Sing.	1	147 14	0 17	...	0 17	
84	89	Ditto	Khwalpoora	Pathan	...	7	101 0	2 14	...	2 14	
85	90	Ditto	Makhpoora	Ditto	...	11	84 14	1 8	...	1 8	
		Total Ajmere	...	...	...	19	302 14	4 19	...	4 10
86	91	Gangwana	Unta	Rahitore	...	3	120 1	5 17	...	5 18	
87	92	Ditto	Khwalpoora	Kachwaha	...	19	739 5	2 13	...	2 12	
88	93	Ditto	Hirwal	Rahitore	...	17	378 1	18 11	...	18 11	
89	94	Ditto	Nayr	Rahitore	...	87	1,035 0	0 1	...	0 1	
90	95	Ditto	Gangwana	Rahitore	Agar Sing.	1	241 19	1 12	...	1 12	
91	96	Ditto	Gheral	Kachwaha	...	30	320 5	1 17	...	1 17	
		Total Gangwana	...	...	...	170	2,414 17	33 6	...	33 6
92	97	Rajehur	Amba Maschen	Safid	...	3	71 0	5 2	...	5 2	
93	98	Ditto	Budhwara	Rahitore	...	11	493 10	7 10	...	7 10	
94	99	Ditto	Perbalean	Ditto	...	42	872 4	11 0	...	11 0	
95	100	Ditto	Hanra	Ditto	...	20	1,001 0	5 2	...	5 2	
96	101	Ditto	Dudiana	Ditto	...	16	107 17	0 8	...	0 8	
97	102	Ditto	Ditto	Gar	...	7	14 17	0 2	...	0 2	
98	103	Ditto	Talikheri	Rahitore	...	2	147 18	1 8	...	1 6	
99	103	Ditto	Mauchrawan	Ditto	Deri Sing.	1	130 15	0 18	...	0 18	
		Total Rajehur	...	...	...	108	3,024 5	34 14	...	34 14
100	104	Poonchur	Bhagwanpoora	Rahitore	...	60	802 0	11 13	...	11 13	
101	105	Ditto	Tillora	Ditto	...	61	707 12	1 2	...	1 2	
102	106	Ditto	Chawanda	Ditto	...	4	131 14	2 15	...	2 15	
103	107	Ditto	Kishupoora	Ditto	...	18	619 16	115 13	...	115 13	
104	108	Ditto	Ganahera	Ditto	...	23	171 0	0 1	...	0 1	
105	109	Ditto	Saidia	Ditto	Amr Sing.	1	11 3	...	...	...
		Total Poonchur	...	...	...	144	1,804 5	134 4	...	134 4
106	110	Gangwana	Karel	Rahitore	...	213	821 13	...	...	...
107	111	Panangan	Meywala	Ditto	...	19	801 10	33 15	...	33 15	
108	112	Ditto	Bhuchmalanu	Ditto	...	11	434 0	...	...	...
109	113	Ditto	Nadh	Ditto	Perlap Sing.	1	104 15	...	...	...
		Total Istumar	...	...	...	203	2,613 7	81 15	...	81 15
		Istumar in acres	...	...	...	...	1,033 0	13 0	...	13 0
		Total khales	...	...	...	1,242	37,134 18	1,062 7	...	1,062 7
		Khales in acres	...	...	...	...	14,635 0	755 0	...	755 0
		Total jaghirs	...	...	...	538	14,777 13	631 1	...	631 1
		Jaghirs in acres	...	...	...	...	5,911 0	838 0	...	838 0
310	118	GRAND TOTAL				2,011	84,417 18	2,927 3	...	2,927 3	
		GRAND TOTAL IN ACRES				...	21,819 0	1,130 0	...	1,130 0	

Ajmere—concluded.

AREA OF BHOOM.

ARABLE.										Total malgoazara.		NATURE OF SERVICES.		Amount of muzzara.
Uncultivated.			Cultivated.					Horseman.	Footman.					
Culturable.	Fallow.	Total.	Chabl.	Talabl.	AbL.	Baranl.	Total.	20	21	22	23			
12	13	14	15	16	17	18	19	20	21	22	23			
10 13	0 0	10 13	30 10	...	...	90 8	135 18	110 17	...	1	14	
...	...	...	40 18	...	...	60 14	97 12	87 12	...	1	14
10 13	0 0	10 13	129 19	...	...	3 15	63 0	63 0	...	1	14	
...			
6 19	...	6 19	82 19	...	...	180 17	290 16	297 16	...	3	44	
30 18	42 4	72 2	70 10	...	...	21 9	114 8	114 8	...	1	30	
8 3	10 10	18 10	...	...	...	659 18	730 14	735 13	...	1	32
2 5	09 10	101 4	61 14	...	...	181 14	219 8	322 10	...	1	24	
...	40 10	40 10	176 5	...	...	845 1	1,040 0	1,010 6	...	1	69	
47 5	201 15	219 0	22 14	...	...	116 0	139 3	241 7	...	1	9	
...	...	...	86 10	...	...	211 13	263 12	318 8	...	1	28
...	...	...	463 7	...	...	...	...	...	...	...	...
...	...	...	...	...	...	2,010 4	2,632 11	2,761 11	...	5	163
18 10	103 7	121 17	40 0	...	...	14 0	89 0	68 7	...	1	13	
157 10	48 4	205 0	92 0	...	...	261 0	334 0	476 3	...	1	34	
43 10	1 0	49 10	337 11	...	...	401 2	766 4	961 4	...	1	116	
4 2	...	6 2	540 15	...	...	402 10	1,043 14	1,033 4	...	1	180	
49 10	23 10	69 0	104 7	...	...	...	104 7	107 0	...	1	33
11 17	42 2	53 10	18 15	...	...	...	18 15	18 15	...	1	0
201 13	223 9	515 1	24 4	...	...	...	37 0	120 12	...	1	9
121 12	108 10	230 2	43 15	...	...	85 2	181 18	135 17	...	1	14	
25 10	...	25 10	1,200 8	...	...	16 11	1,255 11	2,472 10	2,897 11	...	...	
0 18	...	8 18	201 16	...	...	21 12	269 17	537 6	787 7	...	...	
28 2	89 14	116 10	117 0	...	...	...	10 5	136 14	162 10	...	...	
64 17	8 2	57 10	41 0	...	...	...	78 1	122 1	129 19	...	...	
...	...	...	210 3	41 1	13 13	...	111 10	893 7	499 3	...	...	
235 6	201 0	436 11	6 9	16 15	32 0	...	69 10	116 0	173 19	...	...	
...	...	...	...	...	10 2	...	1 1	11 3	11 3	...	...	
...	...	...	647 17	69 10	78 13	...	659 4	1,825 10	1,762 1	...	...	
...	...	...	371 10	...	...	...	458 14	823 13	829 13	...	...	
95 6	...	95 0	67 14	135 9	...	...	624 13	827 15	827 15	...	...	
95 6	...	95 0	74 2	...	...	...	361 7	435 9	438 9	...	...	
39 0	...	39 0	40 10	...	...	...	362 10	470 0	604 15	...	...	
0,983 5	8,517 10	10,495 4	580 5	135 9	...	...	1,809 12	2,601 0	2,609 12	...	...	
2,797 0	1,407 0	4,194 0	224 0	61	...	...	724 0	1,002 0	1,040 0	...	...	
3,331 0	783 11	4,114 11	019 15	890 0	...	...	10,110 0	24,699 7	35,174 11	...	...	
1,333 0	314 0	1,647 0	2,907 0	248 0	275 0	0,418 0	0,570 0	14,070 0	...	...	...
10,883 11	4,301 10	14,085 1	3,892 19	230 7	320 14	5,695 2	0,832 1	13,940 12	...	...	...
4,158 0	1,721 0	5,879 0	1,383 0	92	123 0	2,389 3	3,033 0	6,579 0	...	...	...
...	...	...	11,210 9	035 11	1,500 0	23,822 14	37,028 14	51,720 16	...	...	...
...	...	...	304 0	403 0	0,529 0	11,810 0	20,059 0	...	...	...	...

List of Government Tanks other than those whose revenue has been assessed in a lump sum, etc.—continued.

List of Government Tanks other than those														
Serial Number.	Of tanks in repair.	Of tanks in disrepair.	Name of Circle.	Name of Tank.	Name of Village.	Rates.			TANKS AREA IN ACRES.		Water revenue of Pachor.	Water revenue of Mts.	Water revenue of Agor.	REMARKS.
						On Talab.	Soil-rate.	Water-rate.	Irrigated by sluice.	Irrigated by Mts.				
TEHSLI LUDOGH UR—(continued.)														
						Rs. a. p.	Rs. a. p.	Rs. a. p.			Rs.	Rs.	Rs.	
80	...	54	Todehar	Derian-ka-Talao	Derian	1 8 0	0 10 0	0 15 0	8	...	4	...	...	Tank broke this year.
81	...	57	Ditto	Simbaria-ki-Bariaka	Dhedi	2 8 0	0 7 0	2 0 6	3	...	...	...	...	This village also gets water from Dhedi talao.
82	Ditto	Nori-ka-Talao	Ditto	2 8 0	0 7 0	2 0 0	11	...	12	...	...	Cultivation in Agor.
83	Ditto	Chipi Kuri	Ditto	3 12 0	0 15 0	2 13 0	23	...	...	...	...	Sometimes irrigation from odes.
84	...	58	Ditto	Samalia-ka-Talao	Samalia	2 8 0	0 15 0	1 9 0	3	...	1	...	...	Ditto ditto.
85	...	59	Ditto	Samila	Samar kori	2 8 0	0 15 0	1 9 0	6	...	5	...	...	Built to provide water for the wells along the naaloh.
86	Ditto	Paalia-ka-Talao	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
87	Ditto	Jalpa-ki-Rupat	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
88	Ditto	Tanant-ka-Rupat	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
89	Ditto	Rupat-ki-Rupat	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
90	Ditto	Deri Sagar	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
91	Ditto	Thara Bala	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
92	Ditto	Phal Bagur	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
93	Ditto	Kahar-ka-Talao	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
94	Ditto	Naya Talao	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
95	Ditto	Khejarial	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
96	Ditto	Naya Talao	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
97	Ditto	Rupat Saabor	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
98	Ditto	Gwar Lalotian	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
99	Ditto	Dakarman-ka-Talao or Dungal.	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
100	Ditto	Rupatna Tamam near Neri.	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
101	Ditto	Bata Bhata	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
102	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
103	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
104	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
105	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
106	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
107	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
108	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
109	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
110	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
111	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
112	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
113	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
114	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
115	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
116	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
117	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
118	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
119	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
120	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
121	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
122	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
123	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
124	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
125	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
126	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
127	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
128	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
129	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
130	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
131	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
132	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
133	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
134	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
135	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
136	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
137	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
138	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
139	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
140	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
141	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
142	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
143	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
144	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
145	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
146	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
147	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
148	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
149	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
150	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
151	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
152	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
153	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
154	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
155	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
156	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
157	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
158	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
159	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
160	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
161	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
162	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
163	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
164	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
165	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
166	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
167	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
168	Ditto	...	Ditto	The lower rate is for the odes.
169	Ditto	...	Ditto	The lower rate is for the odes.
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172	Ditto	...	Ditto	The lower rate is for the odes.
173	Ditto	...	Ditto	The lower rate is for the odes.
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175	Ditto	...	Ditto	The lower rate is for the odes.
176	Ditto	...	Ditto	The lower rate is for the odes.
177	Ditto	...	Ditto	The lower rate is for the odes.
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186	Ditto	...	Ditto	The lower rate is for the odes.
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193	Ditto	...	Ditto	The lower rate is for the odes.
194	Ditto	...	Ditto	The lower rate is for the odes.
195	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
196	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
197	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
198	Ditto	...	Ditto	...	...	...	...	...	...	...	...	The lower rate is for the odes.
199	Ditto	...	Ditto	...	...	...	...	...	...

List of Government Tanks other than those whose revenue has been assessed in a lump sum, etc.—continued.

Serial Number.	Of tanks in repair.	Of tanks in disrepair.	Serial Number of villages.	Number of villages in Revenue Note Book.	Name of Circle.	Name of Tank.	Name of Village.	RATES.			TANK AREA IN ACRES.		Area of Agor.	Water revenue of Pachor.	Water revenue of Mita.	Water revenue of Agor.	REMARKS.
								On Talab.	Soft-rate.	Water-rate.	Irrigated by sluice.	Irrigated by Mita.					
TEHSIL BEAWUR																	
— continueed.																	
								Rs. a. p.	Rs. a. p.	Rs. a. p.							
98	33	127	220	Chang	Powariya		Nalkalan	2 0 0	0 5 0	1 11 0	14	...	17	25	...	...
99	33	128	220	Ditto	Levanika		Ditto	...	...	...	...	...	...	...	...	...
100	33	129	220	Ditto	Bar Talab		Nal Khand	2 4 0	...	...	...	...	...	...	...	...
101	33	130	220	Ditto	Nichla or Bankle		Naya Khera	3 12 0	0 12 0	3 10 0	27	...	...	...	...	...
102	33	131	220	Ditto	Uparia		Ditto	3 8 0	0 12 0	1 12 0	10	...	...	...	...	...
23	16	...	...	Total	Chang			...	...	...	219	54	390	403	189	149	
103	33	132	220	Shanghur	Badra		Atkayshur	4 10 0	0 15 0	3 7 0	...	...	10	...	...	...
104	33	133	220	Ditto	Narayan Deowala		Amrpoor Bar.	1 9 0	0 7 0	3 1 0	63	6	...	...	...	...
105	33	134	220	Ditto	Nail		Ummedpoor.	3 2 0	0 10 0	3 6 0	...	...	...	...	...	...
106	33	135	220	Ditto	Bejora		Bara Ubao	3 2 0	0 10 0	3 6 0	...	...	...	...	...	...
107	34	136	220	Ditto	Gural		Ditto	3 2 0	0 10 0	3 6 0	...	...	...	...	...	...
108	34	137	220	Ditto	Tenta		Ditto	3 2 0	0 10 0	3 6 0	...	...	...	...	...	...
109	34	138	220	Ditto	Ban		Bara Hira	1 6 0	0 15 0	3 7 0	31	...	...	...	...	...
110	34	139	220	Ditto	Budela		Ditto	...	...	...	...	...	...	...	...	...
111	34	140	220	Ditto	Lehran-ka-Talao		Badal	4 2 0	1 3 0	3 3 0	4	...	...	...	...	...
112	34	141	220	Ditto	Rupput Palana		Barakochan	...	...	...	...	...	...	...	...	...
113	34	142	220	Ditto	Jharwa		Ditto	...	...	...	...	...	...	...	...	...
114	34	143	220	Ditto	Indra-Ki-Nail		Bharwa	...	...	...	...	...	...	...	...	...
115	34	144	220	Ditto	Kanabka-Talao		Ditto	...	...	...	...	...	...	...	...	...
116	34	145	220	Ditto	Khatela		Bharis	3 13 0	0 13 0	3 15 0	12	...	...	...	...	...
117	34	146	220	Ditto	Orwa		Khurda	3 13 0	0 13 0	3 15 0	...	...	...	...	...	...
118	34	147	220	Ditto	Kupat Bharis Khera.		Ditto	3 2 0	0 10 0	3 6 0	14	...	...	...	...	...
119	34	148	220	Ditto	Kupat Bharis Khera.		Ditto	3 2 0	0 10 0	3 6 0	...	...	...	...	...	...
120	34	149	220	Ditto	Byron Khorawala		Byron Khera	3 2 0	0 10 0	3 6 0	13	...	...	...	...	...

Benefits the wells.

Benefits the wells.

List of Government Tanks other than those whose revenue has been assessed in a lump sum, &c.—continued.

Serial Number.	Of tanks in repair.		Of tanks in disrepair.	Barial Number of villages.	Number of villages in Permanent Water Book.	Name of Circle.	Name of Tank.	Name of Village.	RATES.			TALUK AREA IN ACRES.		Area of Agor.	Water revenue of Pachor.	Water revenue of Mli.	Water revenue of Agor.			
									On Talab.	Self-rate.	Water-rate.	Irrigated by Mli.	Irrigated by sluice.							
																			TALUK AREA IN ACRES.	
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Appendix I.

Statement showing the total revenue of Ajmere District.

AJMERE AND MHAIKWAHA DISTRICTS.

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Year.	Collections from khais villages.		Govern-ment land and re-sumed tenures.		Collections from Istmaridars.		Customs.		Aikares.		Stamps.		Income Tax.		Miscellaneous.		Tahsil cess.		Road cess.		Grand Total.	
	Rs.	a. p.	Rs.	a. p.	Rs.	a. p.	Rs.	a. p.	Rs.	a. p.	Rs.	a. p.	Rs.	a. p.	Rs.	a. p.	Rs.	a. p.	Rs.	a. p.	Rs.	a. p.
1848-50	1,56,100	0 0	...	...	1,20,913	10 7	00,019	19 3	4,950	10 9	10,173	0 6	.....	.....	6,106	0 4	1,113	0 0	1,764	0 0	4,17,339	9 4
1850-51	1,54,936	8 10	...	...	1,20,913	10 7	1,08,073	10 8	5,261	12 9	16,171	14 0	.....	.....	2,663	1 2	5,125	0 0	1,819	0 0	4,16,944	10 0
1851-52	1,71,917	4 0	...	...	1,20,913	10 7	1,13,919	13 9	5,598	10 6	11,011	0 6	.....	.....	2,850	0 0	5,125	0 0	6,917	0 0	4,37,419	18 4
1852-53	1,73,559	3 0	...	...	1,20,913	10 7	90,573	3 3	6,303	3 4	12,791	8 0	.....	.....	3,778	0 4	5,125	0 0	6,547	0 0	4,17,693	1 6
1853-54	1,67,305	0 5	325	5 5	1,20,913	10 7	1,10,893	3 5	5,203	3 4	11,894	6 0	.....	.....	3,176	4 6	5,125	0 0	6,917	0 0	4,21,210	0 5
1854-55	1,74,010	8 0	809	3 5	1,20,913	10 7	97,119	10 8	5,359	9 0	11,159	15 0	.....	.....	3,293	13 5	5,125	0 0	6,883	0 0	4,34,607	5 1
1855-56	1,73,731	7 1	870	1 0	1,20,913	10 7	1,04,140	4 10	6,765	0 0	12,913	12 0	.....	.....	3,913	5 10	5,125	0 0	6,893	0 0	4,32,233	10 1
1856-57	1,70,383	6 6	1,003	11 7	1,27,090	10 7	98,977	15 8	5,755	0 0	15,013	4 0	.....	.....	4,135	8 0	5,125	0 0	6,999	0 0	4,32,978	7 1
1857-58	1,72,500	0 5	575	0 3	1,27,090	10 7	98,977	15 8	5,755	0 0	14,750	14 0	.....	.....	3,698	8 0	5,125	0 0	6,979	0 0	4,32,198	5 8
1858-59	1,71,739	15 9	686	6 0	1,27,090	10 7	1,18,312	14 4	6,755	0 0	14,750	14 0	.....	.....	3,076	10 3	5,125	0 0	6,979	0 0	4,33,359	10 8
1859-60	1,62,118	4 6	869	3 4	1,26,016	2 7	1,21,973	0 3	6,123	15 0	18,131	2 0	.....	.....	6,113	13 5	5,125	0 0	6,979	0 0	4,33,353	15 4
1860-61	1,61,269	0 5	1,114	6 0	1,26,016	2 7	93,328	8 4	8,700	0 0	21,494	5 0	67,459	0 0	6,103	11 0	8,459	14 1	17,918	0 0	4,70,973	9 1
1861-62	1,71,051	2 11	1,409	4 7	1,26,016	2 7	1,10,704	5 4	8,700	0 0	45,511	12 0	69,019	0 0	6,113	11 0	8,459	14 1	17,918	0 0	4,70,973	9 1
1862-63	1,72,811	1 5	1,075	7 0	1,26,016	2 7	1,10,997	1 4	8,700	0 0	45,511	12 0	69,019	0 0	6,113	11 0	8,459	14 1	17,918	0 0	4,70,973	9 1
1863-64	1,72,811	4 5	1,941	13 10	1,26,016	2 7	1,24,217	8 6	8,700	0 0	45,511	12 0	69,019	0 0	6,113	11 0	8,459	14 1	17,918	0 0	4,70,973	9 1
1864-65	1,72,811	7 4	2,160	8 10	1,26,016	2 7	1,24,217	8 6	8,700	0 0	45,511	12 0	69,019	0 0	6,113	11 0	8,459	14 1	17,918	0 0	4,70,973	9 1
1865-66	1,73,047	5 2	2,011	9 5	1,26,016	2 7	1,10,103	0 11	22,323	0 1	71,413	9 6	10,349	12 0	14,037	9 0	6,771	9 3	7,798	6 10	4,71,225	8 1
1866-67	1,90,825	9 2	2,103	2 9	1,26,016	2 7	1,10,103	0 11	22,323	0 1	71,413	9 6	10,349	12 0	14,037	9 0	6,771	9 3	7,798	6 10	4,71,225	8 1
1867-68	1,80,201	1 2	2,260	0 0	1,26,016	2 7	1,10,103	0 11	22,323	0 1	71,413	9 6	10,349	12 0	14,037	9 0	6,771	9 3	7,798	6 10	4,71,225	8 1
1868-69	1,92,928	11 7	914	1 6	1,26,016	2 7	1,10,103	0 11	22,323	0 1	71,413	9 6	10,349	12 0	14,037	9 0	6,771	9 3	7,798	6 10	4,71,225	8 1
1869-70	1,82,485	3 1	951	7 11	1,26,016	2 7	1,10,103	0 11	22,323	0 1	71,413	9 6	10,349	12 0	14,037	9 0	6,771	9 3	7,798	6 10	4,71,225	8 1
1870-71	2,13,160	9 10	605	2 0	1,26,016	2 7	1,10,103	0 11	22,323	0 1	71,413	9 6	10,349	12 0	14,037	9 0	6,771	9 3	7,798	6 10	4,71,225	8 1
1871-72	1,86,216	11 2	1,215	4 11	1,26,016	2 7	1,10,103	0 11	22,323	0 1	71,413	9 6	10,349	12 0	14,037	9 0	6,771	9 3	7,798	6 10	4,71,225	8 1
1872-73	1,80,023	2 3	271	0 0	1,26,016	2 7	1,10,103	0 11	22,323	0 1	71,413	9 6	10,349	12 0	14,037	9 0	6,771	9 3	7,798	6 10	4,71,225	8 1
1873-74	1,80,313	0 0	237	0 0	1,26,016	2 7	1,10,103	0 11	22,323	0 1	71,413	9 6	10,349	12 0	14,037	9 0	6,771	9 3	7,798	6 10	4,71,225	8 1

Appendix J.
Statement showing the prices of produce in Ajmere during the famine of 1868-69.

Month and year.	Wheat.		Barley.		Maize.		Moth.		Bajra.		Jowar.		Gram.		Bhoosa.	
	Srs.	ch.	Srs.	ch.	Srs.	ch.	Srs.	ch.	Srs.	ch.	Srs.	ch.	Srs.	ch.	Srs.	ch.
June 1868	16	11	23	1	...	...	...	...	20	10	20	6	40	0	...	0
July "	16	4	21	8	...	...	...	...	19	8	20	8	...	0	30	0
August " 1868	16	5	22	6	...	...	...	...	16	14	17	0	...	0	25	0
September "	10	0	12	6	...	...	...	...	10	9	12	7	18	0	15	0
October "	7	13	9	1	...	...	...	...	7	13	8	0	16	0	24	0
November "	7	4	8	6	...	...	...	...	7	14	8	0	...	0	...	8
December "	7	0	8	7	...	...	...	...	7	2	7	8	...	8	...	10
January 1869	7	12	8	9	...	...	...	...	7	4	7	11	11	0	14	0
February "	7	9	8	13	...	...	...	...	7	1	7	0	11	9	17	14
March "	6	14	8	15	...	...	...	...	6	10	6	8	12	0	17	8
April "	6	12	8	4	6	0	6	11	6	12	6	2	13	4	25	10
May "	6	6	8	8	6	0	6	8	6	10	6	0	13	12	...	0
June "	6	8	9	0	5	4	5	4	5	5	4	0	14	14	...	...
July "	5	12	5	8	4	12	4	12	4	4	4	8	14	4	...	...
August "	5	13	5	5	6	6	5	7	7	9	8	11	14	4	...	...
September "	5	6	7	5	9	4	4	14	9	8	10	13	40	0	...	...
October "	6	0	7	8	10	11	6	9	10	2	13	0	80	0	...	...
November "	6	14	10	0	11	6	8	6	11	13	12	14	100	0	...	...
December 1870	7	12	11	6	13	0	10	8	12	10	12	11	80	0	60	0
January "	7	4	12	6	13	11	11	8	13	10	14	11	65	0	70	0
February "	7	7	12	0	15	12	14	0	15	11	17	5	60	0	...	...
March "	9	9	15	2	15	8	12	4	14	5	16	0	60	0	...	...
April "	9	14	16	6	18	8	10	8	13	4	14	7	60	0	...	...
May "	9	0	14	14	18	8	10	8	13	4	14	7	60	0	...	...
June "	9	0	14	14	18	8	10	8	13	4	14	7	60	0	...	...

Circle.	Pergunnah.	Name of Putwarce.	Name of village.	Tenure.	Khalsa, Jachira, or shares.	Prevailing caste.	Number of years inhabited.
Ramsar.	Ramsar .	Badri, son of Sheo-narayan.	Dhagwan-poor.	Ghyachara.	Khalsa .	Jat .	40 years.

Classification of Area for assessment purposes in Acres.

Name of Survey.	EXCLUDED.					ASSESSABLE AREA.										
	Total area.	Revenue-free.			Total.	UNCULTIVATED.			CULTIVATED.					Total cultivated.	Total assessable.	
		Barin.	/	Hill.		Culturable.	Fallow.	Total.	Irrigated.			Unirrigated.				
									Chabl.	Talabi.	Total.	Abi.	Davan.			Total.
Revenue survey . . .	43	4	..	..	4	3	1	4	14	4	18	2	15	17	35	39
Last settlement . . .	42	8	...	1	4	3	1	4	14	4	18	2	15	17	35	39
Putwarees' papers, 18		Papers not forth coming.														
Ditto, 18		As at last settlement.														
Ditto, 18		Ditto ditto.														
Present measurement.																
Khulsa	80	4	...	...	4	3	1	4	14	4	18	2	8	10	22	32
Masfee	7	...	...	...	...	...	...	...	...	...	...	...	7	7	7	...
Total	43	4	...	...	4	3	1	4	14	4	18	2	15	17	35	32

REPORT ON THE SETTLEMENT OF THE

Assessment Statistics.

Capabilities.	Past.	Present.	Capabilities.	Past.	Present.
Area manured			Number of cultivators (tenants)—		
			Resident		
			Non-resident		1
<i>Percentage on Cultivated Area.</i>			Number of owners—		
Area under crops—			Resident	9	11
1st order	1	43	Non-resident		
2nd "		57	Population—		
3rd "		61	Cultivating	15	23
Area irrigated		59	Non-cultivating	1	4
Rubbee area		7	Total	16	27
Pabikhast cultivation			Population per square mile		
Resident "			Wells working—		
Area held by mauseec tenants		93	Khalsa	2	2
" by owners		10	Maafco		
Culturable area			Wells capable of being worked—		
Cultivated area per plough—			Khalsa		
Khalsa		4	Maafco		
Maafco		7	Wells out of repair—		
Ploughs } of residents	4	5	Khalsa		
} of non-residents		1	Maafco		
<i>Detail of cattle.</i>			Character of water—		
Large cattle—			Khalsa		sweet .
Bullocks	30	42	Maafco		
Cows	15	20	Average depth of wells—		
Buffaloes	7	10	To water	26	26
Total	52	72	To bottom	41	41
Beasts of Burden—			Average cost of a well	Rs. 225	225
Camels		1	Number of tanks—		
Horses		1	Masonry		
Asses			Earthen		
Total		2	Mortgages—		
Sheep and goats	35	50	Amount of land		2
GRAND TOTAL	87	124	" of money		30
Number of cattle per acre of uncultivated	11	15	Sales—		
			Amount of land		
			Price		
			Do-fusli area		12

Pressure of Revenue.

YEAR.	PROPRIETARY MUTATIONS.				HISTORY OF COLLECTIONS.			Present not assess- ment.	Detail of cesses.	Rates on cultivated land.
	SALES.		MORT- GAGES.		Demand.	Arrears.	Remissions.			
	Land.	Price.	Land.	Price.						
1852	70	Rs. 70	Rs. Lumbardar 4 Zaildar 1 Patwareo 5 District Fund . 2 Total de- mand . 62	Rs. & p. Chahi 4 0 0 Talabi 3 0 0 Abi . 1 8 0 Barani 0 8 0
1853	70	...	...	
1854	70	...	...	
1855	70	...	...	
1856	70	...	...	
1857	70	...	...	
1858	70	...	...	
1859	70	...	...	
1860	70	...	...	
1861	70	...	...	
1862	70	...	...	
1863	70	...	...	
1864	70	...	...	
1865	70	...	...	
1866	70	...	...	
1867	2	30	70	36	25			
1868	81	15	15			
1869	70	10	...			
1870	80	...	...	
1871	70	...	...	

Opinion of Superintendent of Settlement.

The village is a small one, but belongs to Jats, and is carefully cultivated. Revenue has been paid with ease except during the famine, in which year there was one mortgage.

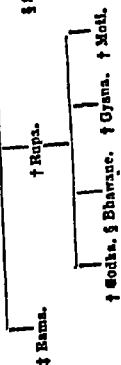
Proposes Rs. 80.

REPORT ON THE SETTLEMENT OF THE

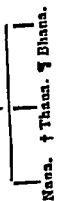
Peigree Table of owners in the village.

About 40 years ago Bhawane, by the permission of Colonel Dixon, founded a hamlet in the waste and dug a well. A hamlet was made at first by ancestral share, but the land is held now according to possession.

1. Jar got Naga.
• Bhagwara.



2. Bazar got Mondariya.
• Bhaga.



3. His widow.
Bhami, is alive.

1 By possession. By possession. By possession.
B. b. B. b. B. b.
10 18 6 1 6 7
Rs. a. p. Rs. a. p. Rs. a. p.
20 12 6 11 7 6 12 0 3

4. Bhami has gone away, and nothing has been heard of him for 18 years.

By possession. By possession.
B. b. B. b.
7 10 10 13
Mahee. Rs. a. p. Dhoom.
10 6 0 10 6 0

3. Bazar got Ramwant.
• Ram Dasa.

†† Rajank Dasa.



4. Harroor, Rakhore Jagmalat.
• Ram Sing.

• Ram Deo.

5. Jar got Barwa.
• Dava.



Nana states that he has been out of possession, and lives by manual labour. When he is able, he can to cover his share.

By possession. By possession.
B. b. B. b.
11 19 11 19
Rs. a. p. Rs. a. p.
10 6 0 10 6 0

Raj Sing states that late the village of Raj Sing was adopted into the village of Tandoil, and his claim was dismissed by decree, dated 10th Aug. 1873.

By possession. By possession.
B. b. B. b.
0 10 0 10
Dhoom.

MARKS USED IN THE PEIGREE TABLE.		Serial No.	Meaning.	Mark.	
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

Thirty years ago Ram Sing came to the village from Dava came from Naraili as he was a relation of Bhagwara. He made a 10 bighaa bhoomi and built a well in the bhava. His descendants have since been in possession of both.

Two generations ago Ram Das came as a farmer and built a temple to Bhagwara. He received a government grant of 10 bighas of land, which is still held by the temple.

Statement of Proprietors.

1. *Origin of village.*—Some 40 years ago Bhagwana Jat came from Khurwa and founded a hamlet in the waste by permission of Colonel Dixon, and called the village after his own name, Bhagwanpura. The owners of other castes joined the community at various times as has been mentioned in the Pedigree Table. Since then it has never been deserted, no land intermixed with other villages, and no tank.

2. *Division of the property.*—Division has taken place by no fixed rule, each held what he obtained.

3. *Joint Profits.*—Owners pay per head of cattle in Katik into the common fund. Buffaloes 8 annas, buffaloe-calves 4 annas, cows 4 annas, other large cattle 2 annas, sheep and goats one anna. There is a small amount of cultivated land, samilat. Its profits also go to the common stock, from whence the village expenses are paid.

4. *Mode of payment of revenue.*—When the village was founded no revenue was taken for two years. In the third year it was assessed at Rs. 65, which was distributed over the cultivated land. In the regular settlement it was assessed at Rs. 70, which was distributed by the following rates:—Chahi 1-8-5, abi 8 annas, talabi Re. 0-0-7; barani 0-8-2. In the present settlement the village has been assessed at Rs. 75 exclusive of cesses.

Holdings in common.		Samilat.	Sarker.	Total Khalsa.	Total Masafec.	GRAND TOTAL.
?	?	?	?
By possession.	By possession.	...	...	...	...	...
B. b. 10 4	B. 4	B. b. 20 6	B. b. 2 10	B. b. 90 4	B. b. 17 6	B. b. 107 10
		Rs. 1	...	Rs. 63	...	Rs. 63

Attestation of owners.	Attestation of Munzarim.	Attestation of Sadr, Munzarim.
The entries in the Pedigree Table are in accordance with our statements, and we have heard them read. We have no bhat or jagab.	I attested this Pedigree Table in presence of all the owners and compared its entries with the Patwarce's papers.	I attested this Pedigree Table in presence of all the owners, who agreed as to its correctness.
(Sd.) RANA.	(Sd.) HIRA SINGH, Munzarim.	(Sd.) GURU RAM, Sadr, Munzarim.
" GODRA.	6th May 1873.	16th July 1873.
" GYANA.		

Statement of responsibility of Officials.

Signature.	Date.	Name of official,	Detail of work.	No.	Attestation of Superintendent.
هيرا سنگه منصرم	5th May 1873.	Hira Sing . .	Pedigree Table . .	1	<p>I attested this Pedigree Table which I found correct, the village is a Bhuchara one, and may be sent to be faird.</p> <p>(Sd.) Panto Max, Deputy Supdt.</p> <p>10th August 1874.</p>
هيرا سنگه منصرم	5th May 1873.	Hira Sing . .	Statement of owners . .	2	
وزیر علی محرز	28th Sept. 1874.	Wazeer Ali . .	Fairing of Pedigree Table	3	
وزیر علی سوہن لال	28th Sept. 1874.	Wazeer Ali Sohan Lal . .	Comparison with rough copy.	4	
هيرا سنگه منصرم	5th May 1874.	Hira Sing . .	Comparison with Khuteoni.	5	
هيرا سنگه منصرم	5th May 1874.	Hira Sing . .	Notes opposite each name.	6	
پولو مل دیپوتی سپرنڈنٹ	10th Aug. 1873.	Pohlo Mal, Deputy Superintendent.	Final attesting . .	7	
عبدالرحمن منصرم	20th Sept. 1874.	Abdul Rahman . .	Comparison of revenue with Khuteoni.	8	
هيرا سنگه منصرم	18th Sept. 1874.	Hira Sing . .	Comparison with decided cases.	9	
هيرا سنگه منصرم پولو مل دیپوتی سپرنڈنٹ	28th Sept. 1874.	Hira Sing . . Pohlo Mal . .	General recension . .	10	

Index to Khuteoni.

Number of field.	Number of holding.	Number of field.	Number of holding.	Number of field.	Number of holding.	Number of field.	Number of holding.	Number of field.	Number of holding.
1	7	6	10	11	5	16	1	21	8
2	1	7	9	12	1	17	1	22	6
3	4	8	7	13	7	18	1	23	7
4	7	9	7	14	7	19	3	24	8
5	7	10	6	15	7	20	3	25	1
							Only 25	fields.	

Khuleoni.

Remarks on the mode of distributing the revenue.

The revenue has been fixed by the Settlement Officer at Rs. 75 including Zaildars' and Lamberdars' fees, at the following rates—

	A.		Rs.
Chahi	14, at Rs. 4 each	. . . . .	56
Talabi	4, „ „ 8 „	. . . . .	32
Abi	2 „ „ $\frac{1}{2}$ „	. . . . .	8
Barani	8 „ „ $\frac{1}{2}$ „	. . . . .	4
			<hr/>
		TOTAL	75
			<hr/>

The revenue has been distributed over the holdings by these rates. The result was then announced to each individual. No objections were offered except by Nanu, who complained that his "nadi" was inferior. Accordingly arbitrators were appointed, who visited the place and fixed $\frac{1}{2}$ per acre as the assessment of the abi. The arbitrators also decided that the deficiency should be added to the assessment of Bijay Sing (Holding No. 5) by an increase in the rate of assessment of his well-land.

The cesses, Rs. 7, were then distributed over each holding at the rate of 1 anna 6 pie per rupee of assessment.

(Sd.) ABDUL RAHMAN,
Munsariz.

1	2	3	4	5	6	7	8	9	10		
Number of holding.	Name of Patel.	Name of owner with parentage, caste, family and residence.	Name of cultivator with parentage, caste, family and residence.	Name of field.	Number of field.	DIMENSIONS.				DETAILED.	
						North.	South.	East.	West.	Barren.	Culturable.
1	Rama.	Rama, son of Bhagwana Jat, Got Naga.	Khudkasht .	Gorma Wala	17	77	51				
				Ditto .	Gosha Ali.	75 78	37 64			...	...
				Ditto .	Goshaba	20 20	13 0			...	...
						9	21				
						10 8	21 20			...	...
2	Do.	Gedha, son of Rupa, one share; Mussamut Nani, widow of Bhawana, one share. Jat Got Naga.	Khudkasht in accordance with shares.	Ditto .	20	39	62			...	...
						39 39	60 64				
3	Do.	Gyana and Moti (minor), sons of Rupa Jat, Got Naga, in equal shares.	Ditto .	Pipal Wala .	19	39	65			...	...
						39 33	61 67				
	Do.	Rama of No. 1, two shares. Gedha and others of No. 2, one share. Gyana and others of No. 3, one share.	Ditto .	Kankar Wala	2	80	37			...	...
				Gorma Wala	16	3 4	9 10			b.	2
				Well Pati .	18	20 20	33 40			well.	...
				Ditto .	Gosha Ali.	20 0	15			...	...
						20 0	22 30			...	...
			Total of holding		3 fields					2 b.	
4	Do.	Nana absent, and Thana, present sons of Bhaga, caste Bulahi, Got Mundariya.	Khudkasht .	Kankar Wala	3	76	20			...	...
				Ditto .	Gosha	76 76	40 0			...	...
						5	39 40				
5	Do	Bijay Sing and Mod Sing, sons of Ram Sing, Rajpoot Rahtore, Got Jagmalot, in equal shares.	Khudkasht in accordance with shares.	Nim Wala .	10	8 8	6 6			0 3	...
				Ditto .	Gosha	5	6			well	2
						5 5	6 6				
				Babul Wala.	11	63	50			wall.	
						66 60	52 48			...	...
				Ditto .	Gosha Ali	20 20	40 42			...	...
				Ditto .	Gosha Be.	7	27			...	...
						13 0	24 30			...	...
			Total of holding		2 fields					5	
6	Do.	Nanu and Bhura in possession. Ramdeo out of possession. Sons of Deva Jat, Got Rauwa in equal shares.	Khudkasht of those in possession.	Facher Nadi	22	62	45			...	...
				Ditto .	Gosha Ali	68 60	54 36			...	...
						20 20	46			...	...
						40 40	38 54			...	...
				Nadi .	4	34	50			...	...
				Ditto .	Gosha	30 37	47 53			...	...
						18	7			...	...
			Total of holding		2 fields.	15 20	15 0			...	

11	12	13	14	15	16	17	18	19	20	21	22	23	24
CLASSIFICATION.					Total area.	NAME OF CROP.		RENT.		REVENUE.			REMARKS.
Fallow.	Chahl.	Talahl.	Abi.	Barani.		Kharosf.	Rubbee.	Rate.	Amount.	Land revenue.	Cesses.	Total.	
...	B. b. 9 16	...	...	...	B. b. 9 16	Maize	Barley	Rs. ...	Rs. ...	Rs. a. p. 19 0 9	Rs. a. p. 1 12 6	Rs. a. p. 20 13 8	Irrigated from well No. 16.
...	0 13	...	...	...	0 13	Do.	Do.	...	...	...	...	...
...	0 9	...	...	...	0 9	Do.	Do.	...	...	...	...	...
...	6 1	...	...	...	10 18	...	...	...	...	...	...	...
...	6 1	...	...	...	6 1	Do.	Do.	...	...	10 7 9	0 15 9	11 7 6	Ditto.
...	6 7	...	...	...	6 7	Do.	Wheat	...	...	11 0 0	1 0 3	12 0 3	Ditto.
...	...	...	...	B. b. 7 8	7 8	Jowar	...	...	...	...	...	...	The revenue is included in the original holdings.
...	...	...	...	...	0 2	...	...	...	...	...	...	...
1 19	...	...	...	...	1 19	...	...	...	...	...	...	...
0 15	...	...	...	...	0 15	...	...	...	...	...	...	...
2 14	...	...	...	...	2 14	...	...	...	...	...	...	...
...	...	...	...	...	10 4	...	...	...	...	...	...	...
...	...	...	...	3 16	3 16	Jowar	...	...	...	0 13 6	0 1 0	0 14 6	
...	...	...	...	0 10	0 10	Do.	...	...	...	...	...	...
...	...	...	...	...	4 6	...	...	...	...	...	...	...
...	...	...	...	...	B. b. 0 3	...	...	...	...	17 0 3	1 10 6	19 5 9	Irrigated from well No. 10.
...	...	...	...	...	0 2	...	...	...	...	...	...	...
...	7 18	...	...	...	5	...	...	...	...	...	...	...
...	2 1	...	...	...	7 18	Maize	Wheat	...	...	...	...	...
...	0 9	...	...	...	2 1	Do.	Do.	...	...	...	...	...
...	...	...	...	...	0 9	Do.	Do.	...	...	...	...	...
...	10 8	...	...	...	10 8	...	...	...	...	...	...	...
...	...	7 0	...	...	10 13	...	...	...	...	...	...	...
...	...	2 6	...	...	7 0	Do.	Barley	...	...	15 0 0	1 6 6	16 6 6	Irrigated from Ram-poora Talao.
...	...	0 16	2 6	Do.	Do.	
...	0 16	Do.	Do.	
...	10 2	
...	4 8	...	4 5	...	Do.	
...	0 6	...	0 6	
...	4 11	
...	...	10 2	4 11	...	14 13	

REPORT ON THE SETTLEMENT OF THE

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REPORT ON THE SETTLEMENT

1	2	3	4	5	6	7	8	9	10		
Number of Holding.	Name of Patel.	Name of owner with parentage, caste, family and residence.	Name of cultivator with parentage, caste, family and residence.	Name of field.	Number of field.	DIMENSIONS.				DETAILED	
						Mean.		East.	West.	Barren.	Culturable.
						North.	South.				
1	Rama.	Rama of No. 1, two shares. Gadha and others of No. 2, one share. Gyana and others of No. 3, one share. Bijay Sing and others of No. 5, four shares. Total eight shares Mortgagors Karam Chand, son of Haveraj Mahajan, mortgagor.	Khudkasht of mortgagors.	Sarnok Wala.	12	80	81	20	25	...	...
7	Do.	Shamilat of the village.	.....	.....	1	46	51	20	20	B. b. 2 0	...
				Nala . .	4	76	76	4	6	0 10	...
				Ditto .	Gosha	10	10	3	4	0 2	...
				Rasta . .	5	3	3	101	102	0 15	...
				Nala . .	8	87	87	3	3	0 13	...
				Gorma Wala	9	83	83	22	22	...	4 11
				Ditto .	Gosha	40	30	14	0	...	0 14
				Rasta . .	13	3	3	30	30	0 5	...
				Ditto .	Gosha	3	3	25	25	0 4	...
				Gorma . .	14	14	14	51	52	...	1 16
				Ditto .	Gosha	8	8	30	25	...	0 11
				Ditto .	Alif. Gosha Be.	0	16	25	27	...	1 0
				Abadi . .	15	13	13	7	7	0 6	...
				Ditto .	Gosha	20	20	6	9	0 8	...
				Ditto .	Alif. Gosha Be.	20	20	9	8	0 14	...
				Rasta . .	23	3	3	33	38	0 6	...
				Ditto .	Gosha	2	2	20	20	0 2	...
				Total . holding	9	...	...	...	...	7 0	8 12

11	12	13	14	15	16	17	18	19	20	21	22	23	24
CLASSIFICATION.					Total Area.	NAME OF CROP.		RENT.		REVENUE.			REMARKS.
Fallow.	Chahi.	Talabi.	Abl.	Barani.		Kharof.	Rabhee.	Rs. to.	Amount.	Land reve- nue.	Cesses.	Total.	
..	4 0	4 0	JOWAR	..	Rs. ..	Rs. 1	Rs. a. p. ..	Rs. a. p. ..	Rs. a. p. ..	The revenue has been laid on the orig in al Khataas.
...	B. b. 2 6	0 14 9	0 1 3	1 0 0	
...	0 19								
...	0 2								
					1 1								
...	0 15								
...	0 13								
...	4 11								
...	0 14								
					5 5								
...	0 5								
...	0 4								
					0 9								
...	1 16								
...	0 11								
...	1 0								
					2 7								
...	0 6								
...	0 8								
...	0 14								
					1 8								
...	0 6								
...	0 2								
					0 8								
...	15 12								

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1	2	3	4	5	6	7	8	9	10
Number of Holding.	Number of Patel.	Name of owner with parentage, caste, family and residence.	Name of cultivator with parentage, caste, family and residence.	Name of field.	Number of field.	DIMENSIONS.		DETAILED	
						Mean.		Barren.	Culturable.
						North.	South.		
1	Rama.	Shamilat of village.	Dhola, son of Galla, Jat, of Ram-poor, at will.	Sarhad Wala.	25	36 36 36	44 40 47	...	...
				Ditto	Gosha.	38 36 40	8	...	...
			Total Holding		1	...	...	...	...
			Total Shamilat		10	...	...	7 0	8 2
8	Do.	Government	Held by the State.	Road	21	185 185 184	6 6 6	2 10	...
				Khalsa	23	...	...	10 3	8 12
9	...	PERMANENT MAAFEE. Bajrang Das, son of Ram Das Bairagi, Got Ramawat.	Khudkasht	Sivana Wala	7	41 42 40	70 61 75	...	...
				Ditto	Gosha	5 10 10	23 20 26	...	...
10	...	BHOOM. Bijay Sing and Med Sing, sons of Ram Sing Rahtore, Jagmalot.	Ditto	Rasta Bari-wala.	6	49 50 47	75 75 76	...	...
				Ditto	Gosha	48 50 46	5 0 10	...	...
			Total Maafee and Bhoom		2	...	...	...	...
			Total area of the village		25 fields	...	...	10 3	8 12

11	12	13	14	15	16	17	18	19	20	21	22	23	24
CLASSIFICATION.					Total area.	NAME OF CROP.		RENT.		REVENUE.			REMARKS.
Fallow.	Chabl.	Talabi.	Abl.	Barani.		Khareef.	Rabbee.	Rate.	Amount.	Land revenue.	Cesses.	Total.	
				B. b.	B. b.			Rs.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
...	3 19	3 19	Bajra	...	Batni 4th					
...	0 15	0 15	Do.	...	Do.					
...	4 14	4 14								
...	4 14	20 6	...	...	...	...	0 14 9	0 1 9	1 0 0	
...	2 16								
2 14	33 14	10 2	4 11	20 8	90 4	...	...	...	...	75 0 0	7 0 0	82 0 0	
...	7 4	7 4	Mung	...	...	...	...	...	...
...	0 6	0 6	Do.							
...	7 10								
...	9 4	9 4	Moth	...	...	...	...	...	...
...	0 12	0 12	Do.							
...	9 16								
...	17 6	17 6								
2 14	33 14	10 2	4 11	37 14	107 10	...	...	...	...	75 0 0	7 0 0	82 0 0	

Perpetual
masfee of
the temple
of Baghu-
nath, No. 1
in Lakhiraj
Last.

Bhoom No. 2
in Lakhiraj
Last.

REPORT ON THE SETTLEMENT OF THE Responsibility of officials for the Khuleoni.

Serial No.	Description of work.	By whom done.	Date.	Signature.	Remarks.
1	Attestation of Khuleoni.	Hira Sing, Munshim.	15th April 1874.	العبد هيرا سنگه منصرم	
2	Attestation by Superintendent.	Pohlo Mal, Deputy Superintendent.	20th April 1874.	العبد پولومل ڌيڊوئي سپرنٽنڊنٽ	
3	Fairing of Khuleoni.	Wazeer Ali.	22nd June 1874.	العبد وزير علي منصرم	
4	Comparison of faired copy with original.	Wazeer Ali Sohan Lall.	23rd June 1874.	العبد وزير علي العبد سوهن لال	
5	Totalling the pages and entering the "brought forward."	Sohan Lall.	23rd June 1874.	العبد سوهن سنگه	
6	Testing the totals.	Abdol Rahman, Munshim.	23rd June 1874.	العبد عبدالرحمن منصرم	
7	Entry of rent and Government revenue for each holding.	Sohan Lall, Mohurir.	24th June 1874.	العبد عبدالرحمن منصرم	
8	Testing Khewat.	Abdol Rahman, Munshim.	24th June 1874.	العبد سوهن لال	
9	Comparison of Khewat entries with Pedigree Table.	Sohan Lall, Mohurir.	24th June 1874.	العبد سوهن لال	
10	Comparison of entries in Khuleoni with cases deoted.	Hira Sing, Munshim.	24th June 1874.	العبد هيرا سنگه منصرم	
11	General examination.	Pohlo Mal, Deputy Superintendent.	24th June 1874.	العبد پولومل ڌيڊوئي سپرنٽنڊنٽ	

Statement of Wells.

Sl.	Names of owners of well with shares.	Names of persons using the well with shares.	Number of wells in Khuteval.	Name of well.	Kind of well.		Number of runs.	Circumference in feet.	Depth to water.	Depth to bottom.	Cost of well.	Area irrigated.	Remarks.
					Masonry	Earth.							
1	Bijay Singh, Mod Sing, sons of Ram Sing, Bahore Jagmat, in holding No. 5.	Khudkasht in equal shares.	1	Gormawala	1	...	1 lao, 3 yoke	10	16	24	Rs. 200	11 8	The water is sweet; water is generally abundant; 28 years ago Ram Sing built the well.
2	(4 shares)—Rama (holding No. 1) 2; Gadhia and others (holding No. 2) one share; Grama and others (holding No. 3), one share, Jat Got Naga.	Khudkasht according to shares.	10	Pipal Wala	1	...	1 lao, 3 yoke	11	16	28	250	23 6	Water is sweet and abundant; 38 years ago the-wan built the well at his own charge, and all his descendants have a share in the well. Land under the well is owned according to possession.
				Total	2		3 lao, 4 yoke					33 14	

Statement of revenue-free land.

Serial No.	Description of Massee.	Order for revenue-free holding with date and name of officer.	Number of holding in the Khuteval.	Name of Massee-dars with parentage, caste, residence and shares.	Detail of land.	Assessment if it had not been massee.	Amount of cesses.	Remarks.
1	Perpetual massee.	Order, 17th February 1916.—Colonel Dixon to remain as long as the temple exists.	9	Temple of Naghounathji, Poojare, Bajrang Dass, son of Ramdas Byragee.	B. b. 7 10 Cultivated Barani.	Rs. a. p. 1 8 8	a. p. District Fund 0 0 Rural Police 0 0	
2	Bhoom	Order, 3rd June 1924.—Mr. Wilder.	10	Bijay Sing, Mod Sing, sons of Ram Sing, Bahore.	9 10 Cultivated Barani.	1 15 9	1 0 District Fund 0 0 Rural Police	
					17 6	8 8 0	1 9 District Fund 1 3 Rural Police	

Rama, Lumberdar, preferred this offer to-day.

ORDERED—The offer is accepted subject to the sanction of Government. Let it be filed with the settlement mist.

(Sd.) J. D. LA TOUCHE,
Settlement Officer.

Darkhust.

I, RAMA, son of Bhagwanna, caste Jat, Lumberdar of Bhagwanpoora, agree to pay yearly Rs. 70 besides cesses as under, subject to the sanction of Government :—

Road, school, and village post Rs. 7, being 3-2 per cent. on the Government revenue after deducting lumberdars' fees.	Putwarees' fees at 0-14 per cent. on the net Government revenue = Rs. 5.
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Total Rs. 82 from khureef of Sumbut 1931, corresponding with A.D. 1874, to the rubbee of 1940 Sumbut, corresponding with A.D. 1884, inclusive, ten years, and thenceforward till a new settlement.

The 5th June 1874.

(Sd.) RAMA,
Lumberdar.

Wajil-ul-'Ara.

Since a revision of the records is in progress, and we have been called on to declare the customs prevailing in our village, therefore after full consideration we declare as follows :—

CHAPTER I.

Concerning the relations of the village community with the State.

SECTION 1.

Mode of collection and payment of revenue.

Rupees 82 including cesses has been assessed for ten years from khureef of 1874 to rubbee of 1884 inclusive. This has been distributed equally over each holding, and each owner is bound to pay his quota to the lumberdar before the dates fixed for the instalments as under :—

Khureef,
1st January,
8 annas.

Rubbee,
15th June,
8 annas.

SECTION 2.

Rights of Government in mines, quarries, nullahs, trees, and forest lands.

There is one nullah which flows in the rains. There are no Government trees and no forest lands, neither are there any mines or quarries. The produce of mines belongs to Government who can quarry for its own purposes without payment, compensating us for the disturbance of the surface of the soil.

CHAPTER I—(concl.)

SECTION 3.

Appointment of
Putwaree and
his salary.

Badree Putwaree, son of Sheowarayan Mahajan of Brinuggur, has been appointed. For his salary we shall pay yearly Rs. 5. and will give him all necessary information for the preparation of the papers required by Government. In case of his removal a new putwaree will be appointed by the villages in the circle, who may be approved by Government. To him also we shall pay the fixed salary. In case of the death of the putwaree, his son, provided he be fit, has a claim to succeed.

CHAPTER II.

Concerning the relations of owners of land among themselves.

SECTION 1.

Lumberdar and
Fatels, their
rights and duties.

The lumberdar shall receive 5 per cent. of the net Government revenue. On his death the eldest son or if he be unfit the younger sons have a claim to succeed. If he be a minor a manager will be appointed. If the lumberdar die childless or be dismissed for a fault, we shall appoint another by a majority of votes, who shall be approved by Government.

SECTION 2.

Management of
common land.

The profits of the common land belong to the community, the lumberdar being manager and accounting for receipts. If any sharer or other person with our permission dig a well or make an improvement in common land, he becomes thereby owner of the land so improved. Our cattle graze over the waste of Rampoor and Kishnipoora without payment of any dues.

SECTION 3.

Division of com-
mon income.

The common income is:—

1. Gintli or grazing dues taken once in Katik at the following rates:—Buffalo, 8 annas, buffalo-calf, 4 annas; cow, 4 annas; other cattle, 2 annas; sheep and goats, 1 anna.

2. Profits on cultivated land.

This income is credited to village expenses.

SECTION 4.

Village expenses
and their defini-
tion.

The lumberdar pays all village expenses in the first instance and each harvest an account is made out. If the expenditure be either more or less than the common income, it is divided among the sharers or they make up the deficiency.

Items of village expenses ordinarily are—

1. Food of lumberdar when away on village business.

2. Turbans given at funeral feasts.

3. Payment of the village Bulahi Rs. 6 a year.

SECTION 5.

Mode of irri-
gation from the
tank and respon-
sibility for repair
of the dam.

There is no talao in our village.

SECTION 6.

Customs relat-
ing to the abadi,
places for storing
manure, wells for
drinking pur-
poses.

Each owner collects manure separately and each uses it himself. He can take it away to any village, if no owner is willing to buy it. The inclosures for cattle near the abadi may be divided and new ones erected with the permission of the community. All residents, with the exception of Bulahis, draw water from Wells Nos. 10 and 16. The Bulahis drink from the nullah or take water from a "charas."

Each owner of land owns the house in which he lives.

CHAPTER III.

Concerning the relations of owners of land with residents who are not owners.

SECTION 1.

Service land held free of rent from the village. There is no service land in our village.

SECTION 2.

These are the following village servants:—

- Rights and duties of village servants.
1. Carpenter who also does smith's work and lives in Rampoor. We provide wood and iron, and pay him yearly 1 maund pukka per plough.
 2. Bolahi who receives Rs. 5 per annum and five seers per plough per harvest.
 3. Kumbhar who makes earthenpots and receives ten seers per harvest per plough.
 4. Nai or barber who receives two-half seers per plough.

SECTION 3.

Sums collected from non-cultivators resident in the village. There are no resident non-cultivators.

SECTION 4.

Rights of resident non-cultivators in their houses. There are no resident non-cultivators.

CHAPTER IV.

Concerning the relations of owners of land with tenants.

SECTION 1.

Mode of collecting rent from tenants whether with right of occupancy or otherwise. There are no tenants in our village. One cultivates Palskasht from Rampoor. His rent generally is one-fourth the produce.

SECTION 2.

Rights of tenants to cut and sell or plant trees and to dig wells. No tenant can cut or sell trees without the permission of the owners, nor plant trees nor dig a well.

SECTION 3.

Rights of tenants as regards water from the tank. There is no tank in our village.

SECTION 4.

Rights of tenants to graze. There are no tenants in the village.

This Wajib-ul'-arz was attested to-day in the village in presence of Rana, Lumberdar, and Godha Thava, Bijay Sing, Modh Sing, Nanu, and Bhura. They all agreed that it contained their statement and the custom of the village.

ORDERED—That it be filed with the settlement misl.

(Sd.) MAHARAJ KISHN,
Extra Asst. Commr.

The 25th April 1874.

Fiqal Rubakar.

Proceeding of the Extra Assistant Commissioner of Ajmere in the Settlement Department, dated 22nd September 1874.

THIS misl prepared under Ajuddhiya Pershad, Superintendent, was produced. A regular settlement was made in this village for 21 years by Colonel Dixon. Wherefore this settlement having expired, the present revision was undertaken in accordance with the orders of the Government of India conveyed in letter No. 377 R., dated 28th October 1871. The hadbast map was first drawn and then the field map with the khuteoni prepared and the Pedigree Tables framed. The papers have been duly attested. The original field map has been filed with the misl. Fair copies have been made of the other papers, and they have been duly tested and compared. The rough copies have been bound separately and filed.

There was only one case of division in this village and the result of the orders has been given effect to.

The method of distribution of the assessed revenue has been explained in the preface to the khuteoni.

Each owner has been given an extract from the khuteoni, showing the land in his possession for which he will pay revenue.

Since the misl is now completed let it be sent to the Settlement Officer.

(Sd.) MAHARAJ KISHN,
Extra Asstt. Commr.

The misl is complete, and is ready for transmission to the Office of the Deputy Commissioner.

(Sd.) J. D. LA TOUCHE,
Settlement Officer.

[Persian version not printed.]

200 REPORT ON THE SETTLEMENT OF THE AJMER AND MHAIWARA DISTRICTS.

APPENDIX L.
Statement of Area of Jaghire and Bhoom.

NATURE OF TENURE.	Total Area.	UNASSESSED.			Uncultivated.			Cultivated.					TOTAL ASSESSABLE.
		Barren.	Revenue-free.	Total.	Culturable.	Fallow.	Total.	Chali.	Telali.	Abi.	Barren.	Total.	
Jaghire . . .	150,838	50,265	12,883	63,148	36,951	6,277	43,228	10,156	1,942	3,359	29,305	41,402	87,600
Khalsa . . .	14,855	785	...	785	2,787	1,407	4,194	2,937	248	275	6,446	9,876	14,070
Bhoon Jaghire . . .	11	332	...	332	1,333	314	1,647	1,363	92	128	2,369	3,032	6,679
Jatmarar . . .	1,053	13	...	13	38	...	38	221	54	...	724	1,002	1,040
Total, Bhoon . . .	21,819	1,130	...	1,130	4,158	1,721	5,879	4,484	304	403	9,529	14,810	20,689

G. I. C. P. O.—No. 37 P. G.—23-7-1900.—50.